

VOLUNTARY INVESTIGATION AND REMEDIATION PLAN

SEMI-ANNUAL PROGRESS REPORT

VOLUNTARY REMEDIATION PROGRAM

**Avery Dennison Facility
4350 Avery Drive
Flowery Branch, GA**

HSI #10578

February 2014



**ENVIRONMENTAL SCIENCE AND
ENGINEERING SOLUTIONS**

**PARTNERS FOR SMART THINKING
AND CREATIVE STRATEGIES**

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1.0 PROFESSIONAL ENGINEER CERTIFICATION

I certify under penalty of law that this report and all attachments were prepared by me or under my direct supervision in accordance with the Voluntary Remediation Program Act (O.C.G.A. Section 12-8-101, et seq.). I am a professional engineer/professional geologist who is registered with the Georgia State Board of Registration for Professional Engineers and Land Surveyors/Georgia State Board of Registration for Professional Geologists and I have the necessary experience and am in charge of investigation and remediation of this release of regulated substances.

Furthermore, to document my direct oversight of the Voluntary Remediation Plan development, implementation of corrective action, and long term monitoring, I have attached a monthly summary of hours invoiced and a description of services provided by me to the Voluntary Remediation Program participant since the previous submittal to the Georgia Environmental Protection Division.

The information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Joel Behrsing, Georgia PE033869

Signature and Stamp



Feb. 6, 2014

2.0 INTRODUCTION AND UPDATE OF PROPERTY DESCRIPTION

In accordance with the requirements of the Voluntary Remediation Program (VRP), The Johnson Company, Inc. (JCO) has prepared this Voluntary Investigation and Remediation Plan (VIRP) Semiannual Progress Report (Progress Report) on behalf of Avery Dennison Corporation (ADC) for the Avery Dennison Property at 4350 Avery Drive, Flowery Branch, Hall County, Georgia (the Property). As discussed with EPD, this Progress Report is submitted prior to an extended deadline of February 7, 2014, which was requested to accommodate information from activities performed at the Property in January, 2014.

The Property is comprised of one parcel, Parcel Number 08073 000003D (see [Figures 2-1, 2-2 and 2-3](#)), which was identified in the December 23, 2011 VRP application (VIRPA) as a “qualifying property” as defined by the VRP Act; and which has since been expanded as a result of a September 2013 acquisition of an 8.0 acre abutting parcel of land from Wrigley Manufacturing, LLC (the Wrigley parcel – see Section 3.1).

3.0 SUMMARY OF WORK PERFORMED DURING THE REPORTING PERIOD

Figure 3-1 shows the milestone schedule established for the Site in the VIRPA, and the progress achieved to date. Activities performed during this period of June 6, 2013 to January 31, 2014 (the Reporting Period) include:

- acquisition of an abutting parcel from Wrigley, resulting in expansion of the Property, and resulting in ADC owning all property containing Site constituents in soil and groundwater above Type 1 Risk Reduction Standards (RRS) (*see Section 3.1*);
- performance of groundwater and surface water sampling during fall 2013 for analyses of VOC and 1,4-dioxane (*see Section 3.2*);
- tuning, modification, and operation of the multi-phase (MPE) extraction system (the System) that commenced operation in the Southern Source Area (SSA) on May 23, 2013 (*see Section 3.3*).
- review of, and preparation of responses to, comments received from EPD on August 8, 2013 (*see Section 3.4*).

3.1 ACQUISITION OF WRIGLEY LAND PARCEL

On July 30, 2012, ADC and JCO met with Mr. David Brownlee and Mr. Kevin Collins of EPD to advise of ADC's intent to acquire a parcel of land from Wrigley that would result in the entire area containing Site constituents at concentrations above Type 1 RRS being on land owned and controlled by ADC. The dimensions of the parcel were discussed, and EPD concurred that the dimensions of the parcel shown on Figure 2-3 (the Wrigley parcel) would be suitable for that purpose as an additional qualifying property under the VRP.

As stated in Section 2.0, ADC acquired the Wrigley parcel in September, 2013. Appendix A provides the Warranty Deed for the acquired 8.0 acres. The now-expanded Property remains a "qualifying property" under the VRP Act since the addition of the 8.0 acres from the Wrigley parcel meets the following criteria:

- a portion of the parcel contains constituents associated with Hazardous Site Inventory (HSI) listing #10578;
- it is not listed on the federal National Priorities List;
- it is not undergoing response activities required by the United States Environmental Protection Agency (USEPA);
- it does not contain a facility required to have a permit under O.C.G.A. 12-8-66;
- qualifying the parcel as a "qualifying property" under the VRP would not violate the terms and conditions under which the EPD operates and administers remedial programs by delegation or similar authorization from USEPA, and
- no liens have been filed against the parcel pursuant to O.C.G.A. 12-8-96(e) or 12-13-12(b).

As demonstrated in the December 2012 Progress Report, the zone of exceedence of Type 1 RRS in groundwater has been defined in the horizontal direction, and has been defined to the extent practicable in the vertical direction. As shown in Figure 2-3, the zone of exceedence of Type 1 RRS in groundwater now resides entirely within the bounds of the Property. Final RRS for the Property were established in the June 2013 Progress Report.

3.2 GROUNDWATER AND SURFACE WATER MONITORING

As discussed in the June 2013 Progress Report, a groundwater fate and transport model will be established to predict the future condition at the Points of Demonstration (POD), and, per ADC's November 18, 2013 letter to EPD, that model is scheduled to be included in the June 2014 Progress Report.¹ Pending development of the fate and transport model, or empirical analysis equivalent, a groundwater and surface water monitoring event was performed in fall 2013 that included the following sampling locations:

- all established surface water sampling locations;
- all established streambed groundwater monitoring wells;
- groundwater monitoring wells that are proximate to the MPE remediation zone; and
- the POD and POE groundwater monitoring wells.

The methods of sample collection were as described in the March 2010 Compliance Status Report (CSR), and the samples were sent to an accredited laboratory for analysis of volatile organic compounds by EPA Method 8260B and 1,4-dioxane by Selective Ion Monitoring (SIM).

Table 3-1 and Table 3-2 present a summary of analytical results for the groundwater and surface water results, respectively, which are discussed in additional detail in Sections 3.3 and 3.4. Results are posted, in plan view, on Figure 3-2. Laboratory analytical reports are provided in Appendix B.

3.3 SOUTHERN SOURCE AREA MASS REMOVAL

3.3.1 *Review of SVE Performance: July 2011 to April 2013*

As is described in prior Progress Reports, the subsurface components of a multi-phase extraction system (MPE) for the SSA were installed in early 2011 in anticipation of ADC obtaining permission from the Flowery Branch POTW to receive treated groundwater discharge, as well as obtaining an Industrial Pretreatment Permit (the Permit) to allow treated groundwater discharge to the POTW. During the time required to obtain the POTW discharge permit, the

¹ As is described in Section 3.4, ADC requests a meeting with EPD during the first week of April, 2014 to discuss requirements for fate and transport modeling.

subsurface components were configured in July 2011 for interim operation as a soil vapor extraction (SVE) system, i.e., vapor extraction without groundwater extraction. Operation of the SVE system began on July 14, 2011 and continued until the construction of aboveground components of the MPE system began on April 29, 2013. During that 655 day period, the SVE system was operational for more than 99 percent of the time. A total of approximately 2,000 pounds of VOC were removed from the unsaturated zone of the SSA by the SVE system, of which approximately two-thirds was comprised of 1,1-DCE, and approximately one third was comprised of 1,1,1-TCA (see the June 2013 Progress Report for additional detail).

3.3.2 MPE Performance: May 2013 to September 2013: Mixed-Phase Configuration

Operation of the initial configuration of the MPE system (the mixed-phase System), which is shown in [Figure 3-3](#), began on May 5, 2013, with a Permit-imposed treated groundwater discharge limit of 10 gallons per minute (gpm), as established for average maximum daily flow. The objective of the operation was thus to optimize achievable water-table drawdown (to increase the unsaturated zone thickness accessible to induced vapor flow) while producing no more than 10 gpm of extracted groundwater; as well as to increase vapor sweep efficiency across the treatment zone.

The mixed-phase System was comprised of ten (10) operational multiphase extraction wells equipped with autotrackers that adjust to a fluctuating water table and that were intended to provide for combined simultaneous liquid and vapor phase extraction under vacuum provided by a liquid ring pump (LRP – see photo in Appendix C). Using this common mixed-phase configuration, both water and air were transported from the wells to the water treatment system in the same conveyance pipe. The extraction wells, which were constructed with open screen intervals to a depth of at least 27 feet below ground surface, were connected to the LRP by a common manifold, and the connections of each MPE well to the manifold were individually valved to allow for tuning of the applied vacuum distribution.

During full-scale operations of the mixed-phase System, the formation yielded significantly higher groundwater flow per foot of water-table depression than was anticipated based on the 2011 MPE pilot test. As a result of the increased groundwater yield, the vapor flow rate was limited to approximately 85 standard cubic feet per minute (scfm) at a groundwater flow rate of approximately 10 gallons per minute (gpm). This resulted in persistent vapor locks within the conveyance piping, and thus limited the connectivity of vapor flow and cut VOC mass removal efforts to less than one (1) pound per day. The higher-than-anticipated water yield from the formation also affected the achievable drawdown over the area of the remediation effort, as discussed in Section 3.3.3, which reduced vapor sweep efficiency.

The groundwater treatment system components of the mixed-phase System performed as designed and met all requirements of the Permit. From the manifold, the extracted soil vapor and groundwater stream passed through a knock-out tank where the groundwater is separated from the air stream. The groundwater was then pumped through an air stripper (see photo in Appendix C) to remove residual VOC not already removed during the turbulent mixed-phase flow in the system piping, and then pumped to an advanced oxidation process (AOP – see photos in Appendix C) that removes 1,4-dioxane by addition of hydrogen peroxide and ozone to the groundwater to produce harmless carbon dioxide and water. Influent concentrations of 1,4-dioxane to the AOP ranged from 46 to 180 µg/L, and were consistently treated to non-detect concentrations prior to discharge. Operation Monitoring Reports (OMR) were submitted to EPD on a quarterly basis, and are provided in Appendix D. All conditions of the Permit were met.

3.3.3 MPE Performance: September 2013 to January 2014: Enhanced Mixed-Phase Configuration

On September 18, 2013, and in order to enhance vapor flow and extraction, a rotary lobe blower (RLB) was added to extract vapors from five additional locations that had been installed for the prior SVE operation. The following vapor extraction wells were connected to the RLB: SVE-1, SVE-2, MW-64, VW-5, and MW-65s (see Figure 3-4), generating an increase in

extracted vapor flow of approximately 150 scfm, for a mixed-phase System total of 200 to 300 scfm. The mixed-phase System was operated in that enhanced configuration from September 18, 2013 to January 17, 2014 (121 days). The total uptime of the mixed-phase System was approximately 75 percent. Downtime resulted primarily from equipment malfunctions, and challenges due to unusual sub-freezing ambient outdoor temperatures.

Soil vapor samples were collected from each of the five RLB-connected extraction wells on October 16, 2013, and sent for analysis of VOC by EPA Method TO-15 – see Appendix E. Based on those analyses, and on measured air flow velocities from each of the extraction points, an estimated VOC mass of 866 pounds was removed during the 121 days of operation in that configuration (see calculation in Appendix F), or about seven (7) pounds of VOC per day on average. Thus, since the June 2011 commencement of mass removal efforts in the SSA, an estimated 2,800 to 2,900 pounds of VOC had been removed from the subsurface as of January 17, 2014. In addition, water treatment system operations had resulted in removal of approximately one pound of 1,4-dioxane from the more than two million gallons of extracted and treated groundwater – see Appendix F.

The reduction of VOC concentrations in groundwater within, and proximate to, the SSA that had been previously observed from SVE system operation (see the June 2013 Progress Report) is continuing – see Figure 3-5.

Figure 3-6 shows the typical induced groundwater table drawdown observed during enhanced mixed-phase System operations, with an extracted groundwater flow rate of approximately nine (9) to 10 gpm. The observed groundwater table drawdown during mixed-phase System operations was approximately half of the maximum goal of 10 feet, primarily as a result of a higher-than-anticipated yield of groundwater from the formation per unit of groundwater table drawdown. The System was therefore redesigned to provide for the ability to

create increased groundwater table drawdown in selected focus areas while also further enhancing the rate of vapor extraction. The resultant configuration is explained in Section 3.3.4.

3.3.4 MPE Performance: January 2014 to Present: Separate-Phase Configuration

Figure 3-7 shows the layout of currently operating separate-phase MPE system (the System), which began continuous operation on January 15, 2014. The System simultaneously extracts soil vapor and groundwater from the subsurface using submersible pneumatic pumps (AutoPump® by QED – see photo in Appendix C), a liquid ring pump (LRP – see Appendix C), and a RLB (see Appendix C). Focused water table drawdown is achieved by pumping water from targeted zones within the well field by AutoPumps® under the enhanced vacuum (15 to 20 inches of mercury) applied by the LRP. The additional vacuum at the AutoPump locations allows for increased groundwater extraction and maximizes air flow across the targeted remediation area – about 150 scfm. Vapor extraction under low vacuum (five to eight inches of mercury) is also applied by the RLB at additional locations where a submersible pump is not deployed, providing an additional 150 scfm of vapor flow, for a System total of approximately 300 scfm. The combination of separate points of applied high and low vacuum ensures that no vapor short circuiting or stagnant zones develop within the MPE application area.

At each Autopump® location, a bubbler tube has been deployed to measure the water level within each of the pumping wells while under a vacuum. The ability to measure the water level within the well while under vacuum makes it possible to tune each of the individual wells in order to achieve maximum vacuum-enhanced groundwater extraction while leaving the well screen exposed over the vapor extraction zone, allowing for increased vapor flow.

Groundwater is currently being extracted from three MPE wells - MP-1, MP-8, and MP-5 - for a combined groundwater extraction rate of approximately 10 gpm, which is the Permit limit. The effluent is treated in the manner described previously. System uptime has been 99 percent since operations of the current configuration began. The resultant steady groundwater table

drawdown is shown on [Figure 3-8](#). As shown on the figure, the goal of 10 feet of maximum groundwater table drawdown has been attained within the focus area created by the three operating groundwater pumping wells. [Figure 3-9](#) shows the footprint of the zone of elevated Membrane Interface Probe (MIP) response as generated during the 2007 SSA characterization, with respect to the focused zone of groundwater table drawdown attained by the System to enhance vapor sweep efficiency. This focused zone of drawdown will be spatially adjusted during the period of remediation by periodically altering the spatial configuration of pump placement. The selection of the zones to target for this voluntary effort will be based on the Engineer's evaluation of vapor and water quality data generated during each configuration iteration.

In addition to the three groundwater pumping wells, the LRP is connected to four other extraction wells - MP-10, MP-2, MP-9, and MP-11 – to extract approximately 140 scfm of vapor. All but MP-10 employ a floating vapor inlet system to target extraction of vapor near the surface of the groundwater table. The applied vacuum by the LRP, which is adjusted on a per well basis depending upon vapor flow and water level response, ranges from approximately one to 22 inches of mercury. In addition, vapor flow is established by the RLB connection to nine vapor extraction points - MW-65S, VW-5, MP-7, MW-64, SVE-1, SVE-2, SVE-8, SVE-9, and SVE-10 (see [Figure 3-7](#)) – generating approximately 150 scfm of extracted vapor. The applied vacuum by the RLB ranges from approximately 3.5” Hg to 4.5”Hg. The extracted soil vapor from the LRP, RLB and air stripper are managed in accordance with Georgia Air Quality Control Rules, and released to the atmosphere (see [Section 3.4.1](#)).

Fresh air is vented to the subsurface to through a network of installed shallow locations below the building slab (AV-01 through AV-10 – see [Figure 3-7](#)). In addition, three deeper vent points - MP-3, MP-4, and MP-6 – input fresh air to the deeper zone of the enhanced unsaturated zone (see [Figure 3-7](#)).

After a steady hydraulic condition has established, which will be indicated by fully developed drawdown over the MPE application area, stable vacuum distribution, and steady vapor extraction flow rates, a comprehensive sampling round will be completed. This is currently planned for the first week of February. Vapor stream samples will be collected from each of the vapor extraction locations, and water stream samples will be collected from each of the water conveyance pipes. After evaluation of the data, the System vacuum distribution and flow rates may be adjusted to further optimize System performance.

3.4 RESPONSE TO EPD COMMENTS DURING THE REPORTING PERIOD

Upon approval of the VIRPA on June 5, 2012, the activities that had been identified to be performed at the Site under the VRP were outlined in the following documents:

- VIRPA, dated December 23, 2011;
- EPD VIRPA approval letter dated June 5, 2012; and the
- EPD VIRPA comment letter dated June 5, 2012.

The December 2012 Progress Report, as updated on February 22, 2013 (December 2012 Progress Report), provided ADC's response to the EPD VIRPA comment letter. EPD responded to the content of the December 2012 Progress Report in its August 8, 2013 letter to ADC ([Appendix G](#)), in which EPD stated "*With the exception of the comments related to information that may be included in future Uniform Environmental Covenant documentation for the site, [Avery Dennison] has appropriately addressed the June 5, 2012 comments.*" EPD did not comment to the Risk Reduction Standards (RRS) presented in the December 2012 and June 2013 Progress Reports, so ADC thus adopts the RRS presented therein as the final RRS for the Property.

The August 8, 2013 letter from EPD to ADC provided two comments, which are stated and addressed in the following subsections.

3.4.1 EPD Comment #1 – Multiphase Extraction System

EPD Comment:

In its August 8, 2013 letter, EPD stated “.. *please revise/modify the multi-phase extraction (MPE) system design to include measures to control off-gases in accordance with a best available control technology ...*”.

Avery Dennison Response:

In 2009, prior to operation of the current MPE system or its SVE predecessor, Avery Dennison (ADC) reviewed applicable Rules and discussed the need for an air emissions control device with personnel in EPD’s Air Protection Branch and Hazardous Waste Management Branch. ADC was advised at that time by the personnel in both Branches that an air emissions control device was not required. Following receipt of the August 8, 2013 letter from EPD, in light of those prior discussions, an ADC representative contacted Derrick Williams, Manager of EPD’s Response and Remediation Program, to discuss further the need for an air emissions control device.

In discussing the matter with Mr. Williams, ADC noted that an air quality permit for the System is not required, based upon the permitting exemption in Georgia Air Quality Rules 391-3-1-.03(6) and 391-3-1-.03(6)(g)2 for on-site soil or groundwater decontamination units that are not subject to any requirement under Section 111 or 112 of the Federal Clean Air Act. As was discussed with Mr. Williams, the System does not fall into any of the source categories that are subject to Section 111 and emissions from the System of hazardous air pollutants (HAPs) as defined by the Clean Air Act are well below the 10 and 25 ton per year thresholds for an individual HAP and combined HAPs, respectively, that would subject the System to regulation under Section 112. Evaluation of vapor stream data collected during the reporting period shows emissions did not exceed those thresholds. The maximum emissions rate for an individual HAP, as projected over a full year of operation, is less than 1.5 tons, for 1,1-DCE; and the maximum emissions rate for all HAPs, as projected over a full year of operation, is less than two (2) tons.

Mr. Williams recommended that ADC submit correspondence to the EPD describing the emissions associated with the System and, on that basis, request EPD’s concurrence that installation of an air emissions control device is not necessary. Modifications were made to System operations in January, 2014 that are intended to further enhance the System’s effectiveness for removal of VOC from the SSA – see Section 3.3.3. As described in that section, ADC is presently awaiting results of vapor stream samples collected in January and to be collected in February. Once the sample results are received, the System emissions will be reevaluated, and the results of that reevaluation will be provided to

EPD so that a final determination can be made on the need for an air emissions control device. ADC requests a meeting during the first full week of April to discuss its findings.

3.4.2 EPD Comment #2A – Plume Stability

EPD Comment:

EPD “requires supporting fate and transport modeling to illustrate that the groundwater impacts will not leave the confines of the established property boundary as it will be described in the Uniform Environmental Covenant documentation”;

Avery Dennison Response:

The May 2010 Compliance Status Report (CSR) submitted to EPD, as well as the subsequent VIRPA, presents the results of a detailed and high-resolution assessment of the nature and extent of site constituents in groundwater and surface water as determined from eight comprehensive monitoring events performed since 2005 using an array of up to 116 groundwater monitoring wells, 10 streambed groundwater monitoring wells, and 13 surface water sampling stations. The CSR concludes: “Based on these measurements, observed springs in and near the stream, and significant consistent upward gradients in clean monitoring wells west of the stream on the [former] Wrigley property, the stream valley is a groundwater discharge zone. This zone acts as a low constant head boundary and prohibits groundwater and contaminant flow to migrate west of the stream valley and dictates that all flow must discharge and migrate downstream to the northwest in the stream valley. The absence of detectable VOC in the two streambed monitoring wells, the two unconsolidated deposits wells, and the five bedrock wells located farthest downgradient along the streambed valley delineates the downgradient extent of VOC in groundwater at the Site.” That conclusion was further buttressed by results of three additional rounds of groundwater and surface water sampling conducted in 2010-2011, as reported in the VIRPA; three additional rounds of groundwater and surface water sampling conducted in 2011-2012, as reported in the December 2012 Progress Report; and two additional rounds of groundwater and surface water sampling conducted in 2013, as reported in the June 2013 Progress Report and in Section 3.2 of this Progress Report.

As is described in the CSR and VIRPA, vertical groundwater migration occurs between the bedrock, weathered bedrock, and unconsolidated deposits along the migration path to the discharge zone of the unnamed tributary to Mud Creek. In addition, secondary porosity is present within the bedrock unit in the form of fractures. Under such conditions, EPD has commented to other participants in the VRP program that application of analytical groundwater models such as BIOCHLOR® are not appropriate. Thus, a complex numerical model would be required. Given the very high resolution nature of the site investigation performed at the Property, as well as the availability of

extended time series data to demonstrate, by weight-of-evidence, an overall steady condition, ADC requests a meeting with EPD during the first full week of April to review temporal trends in Site data, and to discuss the necessity of a numerical fate and transport model to address the EPD comment.

3.4.3 EPD Comment #2B – Surface Water Exposure Pathway

EPD Comment:

“EPD recommends that the unnamed tributary to Mud Creek and an adequate number of associated surface water/streambed monitoring locations be established as the Point of Exposure (POE) for the surface water exposure pathway for the site. The surface water Point of Demonstration (POD) locations for the site should be based on the fate and transport models for each of the established source areas, and also be used to demonstrate that the groundwater contaminant plumes within each source area will not impact the downgradient POE at concentrations above in-stream water quality standards” (ISWQS).

Avery Dennison Response:

As was presented in the CSR and VIRPA, and as is shown in Figure 3-10, the core of the groundwater plumes extending from the WSA and SSA arrive at the unnamed tributary to Mud Creek at streambed groundwater monitoring location SBW-4 and SBW-9, respectively. Since the location of streambed groundwater monitoring location SBW-4 is downstream of SBW-9 in the direction of surface water flow, and since the SSA is undergoing mass removal activities (see Section 3.3), the most conservative Point of Demonstration (POD) for the surface water exposure pathway is the surface water sampling station that is most proximate and downstream of SBW-4, which is SW-2 (see Figure 3-10). SBW-4 is also the corresponding POD for streambed groundwater (see Figure 3-10). This is a conservative selection since SW-2 has shown the highest concentrations of detected VOC among all surface water sampling locations in 14 of the 16 sampling events performed since 2005.

The unnamed tributary to Mud Creek is fed by inflow from at least six surface water drainage features that flow into a stormwater retention pond that is controlled by a drop-inlet and concrete spillway. The flow control provided by the drop-inlet and spillway from the pond serve to effectively dampen the variability in natural flow condition within the unnamed tributary, and thus flow is observed to be relatively consistent, except during periods of extended drought or heavy rainfall. With respect to discharge of site constituents from groundwater to surface water, drought conditions are the conservative condition for evaluating the POE against applicable ISWQS, which is supported by the site dataset, in which the maximum concentration of 1,1-DCE observed in surface water

during each sampling event is negatively correlated to the observed precipitation in each corresponding month – see Figure 3-11.

Figure 3-12 shows a record of cumulative monthly precipitation amounts in Gainesville, nearby to Flowery Branch, since January 2004, as compared to average cumulative monthly precipitation amounts observed at the same station since 1981. Periods of extended drought are indicated on Figure 3-12 at locations on the curve where the observed cumulative monthly precipitation curve drops below the corresponding normal curve. As is indicated on Figure 3-12, several of the 16 sampling events performed since 2005 were performed during periods of extended drought; and, as discussed above, drought conditions are conservative for assessment of concentrations of site constituents in surface water against ISWQS. Therefore, representative conservative sampling of surface water for site constituents has been performed on several occasions.

The maximum observed concentration of 1,1-DCE in surface water of the unnamed tributary to Mud Creek over the historical record of 16 events performed since 2005 is 47 µg/L at the POD, which is more than two orders of magnitude below the current ISWQC of 7,100 µg/L – see Figure 3-13. This, and the overall steady state or declining concentrations of 1,1-DCE in streambed groundwater at the POD where the core of the groundwater plume enters surface water– see Figure 3-14 - conservatively supports that the conclusion that the groundwater contaminant plumes within each source area will not impact the downgradient POE at concentrations above ISWQS. Given this discussion, ADC requests a meeting with EPD during the first full week of April to discuss EPD’s request for a fate and transport model application to address this EPD comment.

4.0 NEXT STEPS AND SCHEDULE

Figure 3-1 shows a milestone schedule for planned activities presented in the VIRPA and subsequent submissions. Activities planned for this reporting period are described below.

4.1 CONTINUED OPERATION OF THE MPE SYSTEM IN THE SOUTHERN SOURCE AREA

The MPE system is planned to operate in its current mode, including periodic adjustments of zones of targeted groundwater table drawdown, until at least May 2015, provided operational data indicate it is effectively removing VOC mass from the subsurface. The June 2014 Progress Report will provide an update of MPE system performance, including an estimate of cumulative VOC mass removed, and a description of MPE system operations, including system uptime, air stripper and AOP performance, and operating configurations.

4.2 EPD MEETING AND FATE AND TRANSPORT MODELING

ADC requests a meeting with EPD during the first full week in April, as indicated in Sections 3.3 and 3.4 to discuss the MPE system configuration and fate and transport modeling requirements. In the interim, the groundwater and surface water monitoring activities performed during fall 2013 will be repeated.

5.0 PROFESSIONAL SERVICE HOURS BY THE CERTIFYING ENGINEER DURING THE REPORTING PERIOD

Below is a summary and monthly breakdown of the 214.5 professional service hours provided to the project during the Reporting Period by the Engineer of Record, Mr. Joel Behrsing, P.E.

June 6 – 30, 2013 – 27 hours.

- Oversight of MPE system operation and monitoring.

July 2013 – 28 hours.

- Oversight of MPE system operation and monitoring.
- MPE system optimizing and modifications.
- Research into auxiliary SVE blower to enhance MPE system.

August 2013 – 63.5 hours.

- Oversight of MPE system operation and monitoring.
- Review MPE system vapor samples results and estimates of mass removed.
- Develop specifications and request proposal for auxiliary blower.
- Review auxiliary blower proposal and communicate with vendor.

September 2013 – 13 hours.

- Oversight of MPE system operation and monitoring.
- Coordinate with the vendor, electrician and field staff for the installation of the auxiliary blower.
- Communicated with the Advanced Oxidation Process (AOP) vendor regarding planned quarterly maintenance.

October 2013 – 11.25 hours.

- Oversight of MPE system operation and monitoring.
- Review Q32013 discharge monitoring report.
- Meet with staff regarding additional enhancements to MPE system.

November 2013 – 37.5 hours.

- Oversight of MPE system operation and monitoring.
- Review vapor sample results and mass calculations.
- Review GA EPD audit report on the MPE treatment system.
- Meet with staff and review pumps/hardware proposed for MPE system enhancement.

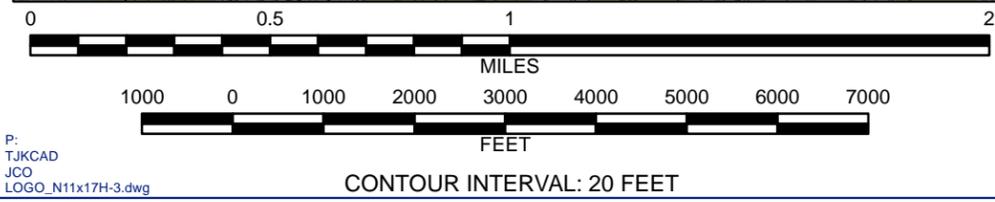
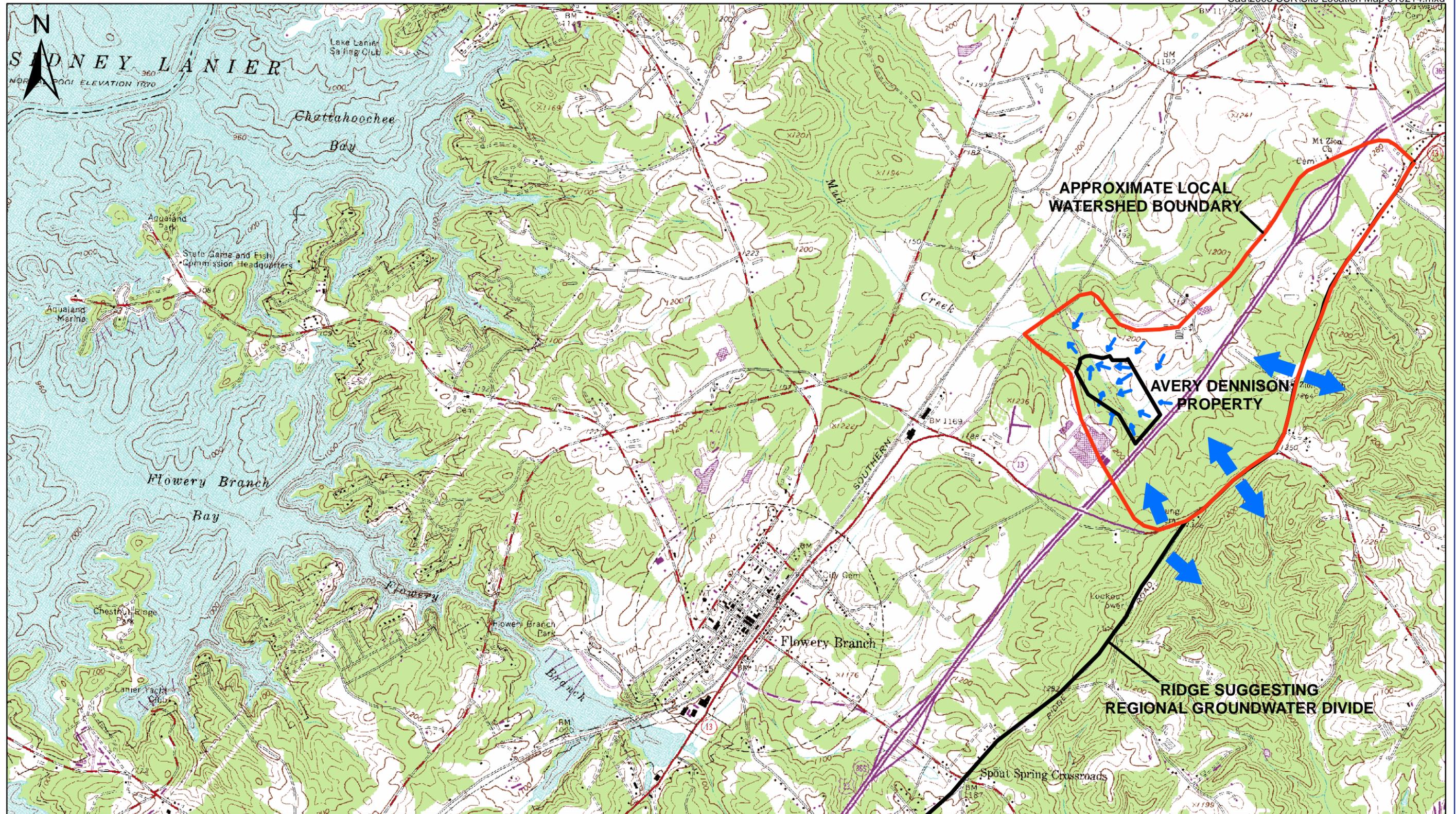
December 2013 – 12.75 hours.

- Oversight of MPE system operation and monitoring.
- Review air requirements for proposed pumps and compressor specifications.
- Meet with staff and review sequence and schedule for MPE enhancement with separate phase extraction.

January 2014 – 21.5 hours.

- Oversight of MPE system operation and monitoring.
- Review Q42013 discharge monitoring report.
- Research alternative liquid oxygen suppliers.
- Communicate with field staff regarding installation and start-up of groundwater pumps.

FIGURES



- KEY**
-  LOCAL GROUNDWATER FLOW DIRECTION
 -  REGIONAL GROUNDWATER FLOW DIRECTION

BASE MAP: USGS 7.5 Minute Topographic Quadrangle, FLOWERY BRANCH, GEORGIA (1982)

**FIGURE 2-1: LOCATION MAP
AVERY DENNISON PROPERTY
FLOWERY BRANCH, GEORGIA**

	100 State Street, Suite 600 Montpelier, VT 05602	
	Drawn by: TJK	Date: 01/02/14
	Reviewed by: GAK	Date: 01/03/14
	Scale: 1"=2000'	Project: 1-0145-04

Notes:

Parcel data from Hall County GIS website; accessed 12/15/2011.

Aerial photo from ESRI World Imagery basemap service.



Source: Esri, i-cubed, USDA, USGS, AEX, GeoEye, Getmapping, Aerogrid, IGN, IGP, and the GIS User Community

**FIGURE 2-2: PROPERTY IDENTIFICATION MAP
AVERY DENNISON AND VICINITY
FLOWERY BRANCH, GEORGIA**

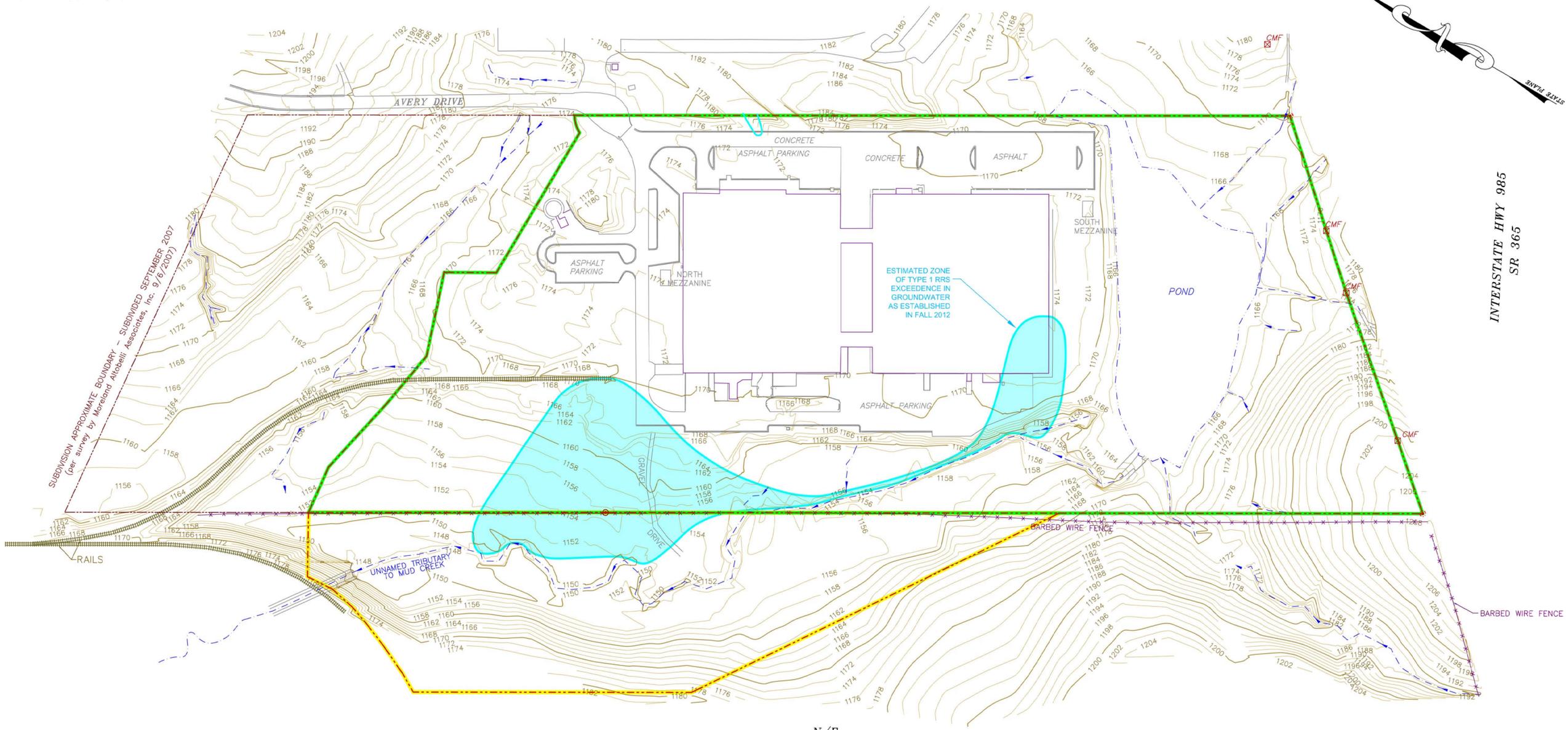
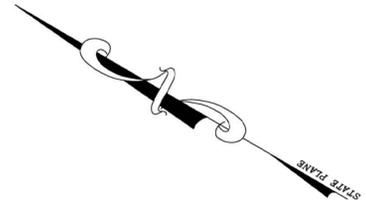


100 State Street, Suite 600
Montpelier, VT 05602

Drawn by: DPB	Date: 12/15/11
Rev'd by: TJK	Date: 02/03/14
Chk'd by: CFF	Date: 02/03/14
Scale: As Shown	Project: 1-0145-04

Base map: "Survey for The Johnson Company, Inc., Avery Dennison Facility, Avery Drive" by Transportation Systems Design, Inc. 1/24/2005

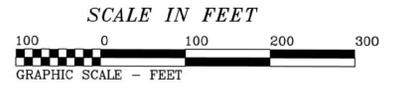
N/F
BALDOR



INTERSTATE HWY 985
SR 365

N/F
WRIGLEY

- LEGEND**
- BUILDING FOOTPRINT
 - SURFACE WATER/DRAINAGE
 - GROUND ELEVATION (10-FT. MAJOR INTERVALS)
 - GROUND ELEVATION (2-FT. MINOR INTERVALS)
 - IRON PIN FOUND
 - CONCRETE MONUMENT FOUND
 - AVERY DENNISON PROPERTY BOUNDARY BEFORE LAND ACQUISITION FROM WRIGLEY
 - LAND ACQUIRED FROM WRIGLEY MANUFACTURING, LLC IN SEPTEMBER 2013
 - ESTIMATED ZONE OF TYPE 1 RISK REDUCTION STANDARDS EXCEEDENCE AS OF FALL 2012



#	Date	Drwn	Chk'd	App'd	Description

PREPARED FOR
Avery Dennison Corporation
8080 Norton Parkway
Mentor, OH 44060
Job#: 1-0145-4

PREPARED BY

The Johnson Company
ENVIRONMENTAL SCIENCE AND ENGINEERING SOLUTIONS

100 State Street, Suite 600
Montpelier, Vermont 05602
(802) 229-4600 phone
(802) 229-5876 fax
www.johnsonco.com

DRAWING
Scale: As Shown
Drawn On: 01/02/14
Drawn By: TJK
Checked On: 01/02/14
Checked By: CFF
Print Date:

FIGURE 2-3: PARCEL ACQUIRED FROM WRIGLEY MANUFACTURING, LLC AVERY DENNISON PROPERTY FLOWERY BRANCH, GEORGIA

K:\1-0145-4\Cad\020314 Figure 2-3.dwg

ID	Milestone	Date	2011			2012				2013				2014				2015				2016				2017		
			Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3
1	Avery Dennison submitted the Voluntary Investigation and Remediation Plan Application (VIRPA) to EPD	12/23/11			◆																							
2	Site is Enrolled in the Voluntary Remediation Program (VRP)	6/5/12				◆																						
3	EPD Provided Comments on the VIRPA	6/5/12				◆																						
4	Avery Dennison met with EPD to discuss dimensions of a parcel of land to be acquired from Wrigley Manufacturing, LLC as a qualifying property under the VRP.	7/30/12					◆																					
5	Avery Dennison submitted Financial Assurance Instrument to EPD	8/28/12						◆																				
6	Completed horizontal and vertical delineation of the release and associated constituents	10/31/12							◆																			
7	Submitted Progress Report including demonstration of complete horizontal and vertical delineation of the release and associated constituents	12/5/12								◆																		
8	Submitted Response to the June 5, 2012 comments provided by EPD (included in 12/5/12 Progress Report)	12/5/12									◆																	
9	Submitted a request to finalize cleanup standards for all regulated substances to EPD (included in 12/5/12 Progress Report); EPD did not comment; concurrence is assumed.	12/5/12										◆																
10	Completed construction of, and began operation of, the Multiphase Extraction (MPE) system in the southern source area; to be modified as necessary.	5/23/13										◆																
11	Submitted Progress Report, including POD Monitoring Plan for groundwater exposure pathway, details of the MPE system, status of acquisition of the additional property from Wrigley, and additional affirmation of final cleanup standards.	6/21/13											◆															
12	Received comments from EPD.	8/8/13												◆														
13	Avery Dennison acquired additional qualifying acreage from Wrigley Manufacturing, LLC; expanded the Property to contain all Site constituents above Type 1 RRS.	9/24/13													◆													
14	Monitoring of surface water and selected groundwater monitoring wells per Point of Demonstration (POD) Monitoring Plan	11/20/13														◆												
15	Completed conversion of MPE system to separate phase extraction configuration	1/17/14															◆											
16	Submitted Progress Report; requested April meeting to discuss August 2013 EPD Comments	2/7/14																◆										
17	Submit Progress Report	6/5/14																	◆									
18	Submit Progress Report, including a final remediation plan and associated cost estimate for implementation of remediation and associated continued actions	12/5/14																		◆								
19	Evaluate shutdown of MPE system	5/31/15																			◆							
20	Submit Progress Report	12/7/15																				◆						
21	Submit Progress Report	6/6/16																					◆					
22	Submit Progress Report	12/5/16																						◆				
23	Submit VRP Compliance Status Report, including requisite certifications	6/5/17																								◆		

Project: 020314 FB Project Milestones
Date: 2/3/14

Completed Milestone ◆
Milestone ◆

The Johnson Company
100 State Street, Suite 600
Montpelier, VT 05602
Drawn by: CFF Date: 02/03/14
Chk'd by: GAK Date: 02/03/14
App'd by: GAK Date: 02/03/14
Scale: N/A Project: 1-0145-4

**FIGURE 3-1: UPDATED MILESTONE SCHEDULE
VOLUNTARY INVESTIGATION AND REMEDIATION PLAN
AVERY DENNISON FACILITY
FLOWERY BRANCH GEORGIA**

LEGEND

- BUILDING FOOTPRINT
- SURFACE WATER/DRAINAGE
- UNCONSOLIDATED DEPOSITS WELL
- BEDROCK WELL
- WEATHERED BEDROCK WELL
- SURFACE WATER MONITORING LOCATION
- STREAM BED WELL
- ESTIMATED ZONE OF TYPE 1 RRS EXCEEDENCE (FALL 2012)

Note: All samples analyzed by EPA Method 8260B for full analyte list

Abbreviation Key		Risk Reduction Standards	
Abbreviation	Full Name	Type 1 GW (ug/L)	Type 3/4 GW (ug/L)
1,1,1-TCA	1,1,1-Trichloroethane	200	13600
1,1,2-TCA	1,1,2-Trichloroethane	5	5
1,1-DCA	1,1-Dichloroethane	4000	4000
1,1-DCE	1,1-Dichloroethene	7	520
1,2-DCA	1,2-Dichloroethane	5	5
1,4-DCB	1,4-Dichlorobenzene	75	75
MEK	2-Butanone (Methyl Ethyl Ketone)	2000	11800
A	Acetone	4000	45600
B	Benzene	5	10
CCL4	Carbon Tetrachloride	NA	29200
CA	Chloroethane	80	80
CF	Chloroform	70	200
c1,2-DCE	cis-1,2-Dichloroethene	5	450
DCM	Dichloromethane (Methylene Chloride)	700	700
EB	Ethylbenzene	2000	2000
F-11	Freon-11 (Trichlorotrifluoromethane)	-	-
m,p-X	m,p-Xylene	Not Regulated	Not Regulated
MCH	Methylcyclohexane	-	-
o-X	o-Xylene	-	-
X	Xylenes (total)	10000	10000
1,4-DIOX	1,4-Dioxane	70	70
PCE	Tetrachloroethene	5	98
T	Toluene	1000	5200
1,1,2-DCE	trans-1,2-Dichloroethene	100	160
TCE	Trichloroethene	5	5
VC	Vinyl Chloride	2	3
S	Styrene	100	2600
ND	Not Detected above Laboratory PQL		
NS	Not Sampled		

Note: Yellow highlighting in groundwater data indicates detection in excess of Type 3/4 risk reduction standard.

In-stream Water Quality Criteria (ug/L)

1,1-DCE: 7100

Notes:
 -All results in ug/L
 -Wells shaded gray were not sampled during the 2013 sampling events.
 -Wells labeled with "ND" had no detections for all analytes during the Fall '12 - Fall '13 sampling rounds.

In-stream Water Quality Criteria (ug/L)

1,1-DCE: 7100

Notes:
 -In-stream Water Quality Criteria from Georgia Rules & Regulations for Water Quality Control Chapter 391-3-6-.03
 -Of the compounds detected in site surface water, only 1,1-DCE has an in-stream water quality criterion.

Well ID	Date	10/12	05/13	11/13
SW-0	1,1-DCE	7	3	4
SW-1	1,1-DCE	6	3	5
SW-2	1,1-DCE	5	2	3
SW-3	1,1-DCE	22	17	6
SW-4	1,1-DCE	49	67	27
SW-5	1,1-DCE	4	2	3
SW-6	1,1-DCE	15	8	ND < 5
SW-7	1,1-DCE	78	26	32
SW-8	1,1-DCE	40	13	19
SW-9	1,1-DCE	7	ND < 5	ND < 5
SW-10	1,1-DCE	2.7	4.7	3.5
SW-11	1,1-DCE	15	8	ND < 5
SW-12	1,1-DCE	78	26	32
SW-13	1,1-DCE	40	13	19
SW-14	1,1-DCE	7	ND < 5	ND < 5
SW-15	1,1-DCE	2.7	4.7	3.5
SW-16	1,1-DCE	15	8	ND < 5
SW-17	1,1-DCE	78	26	32
SW-18	1,1-DCE	40	13	19
SW-19	1,1-DCE	7	ND < 5	ND < 5
SW-20	1,1-DCE	2.7	4.7	3.5
SW-21	1,1-DCE	15	8	ND < 5
SW-22	1,1-DCE	78	26	32
SW-23	1,1-DCE	40	13	19
SW-24	1,1-DCE	7	ND < 5	ND < 5
SW-25	1,1-DCE	2.7	4.7	3.5
SW-26	1,1-DCE	15	8	ND < 5
SW-27	1,1-DCE	78	26	32
SW-28	1,1-DCE	40	13	19
SW-29	1,1-DCE	7	ND < 5	ND < 5
SW-30	1,1-DCE	2.7	4.7	3.5
SW-31	1,1-DCE	15	8	ND < 5
SW-32	1,1-DCE	78	26	32
SW-33	1,1-DCE	40	13	19
SW-34	1,1-DCE	7	ND < 5	ND < 5
SW-35	1,1-DCE	2.7	4.7	3.5
SW-36	1,1-DCE	15	8	ND < 5
SW-37	1,1-DCE	78	26	32
SW-38	1,1-DCE	40	13	19
SW-39	1,1-DCE	7	ND < 5	ND < 5
SW-40	1,1-DCE	2.7	4.7	3.5
SW-41	1,1-DCE	15	8	ND < 5
SW-42	1,1-DCE	78	26	32
SW-43	1,1-DCE	40	13	19
SW-44	1,1-DCE	7	ND < 5	ND < 5
SW-45	1,1-DCE	2.7	4.7	3.5
SW-46	1,1-DCE	15	8	ND < 5
SW-47	1,1-DCE	78	26	32
SW-48	1,1-DCE	40	13	19
SW-49	1,1-DCE	7	ND < 5	ND < 5
SW-50	1,1-DCE	2.7	4.7	3.5
SW-51	1,1-DCE	15	8	ND < 5
SW-52	1,1-DCE	78	26	32
SW-53	1,1-DCE	40	13	19
SW-54	1,1-DCE	7	ND < 5	ND < 5
SW-55	1,1-DCE	2.7	4.7	3.5
SW-56	1,1-DCE	15	8	ND < 5
SW-57	1,1-DCE	78	26	32
SW-58	1,1-DCE	40	13	19
SW-59	1,1-DCE	7	ND < 5	ND < 5
SW-60	1,1-DCE	2.7	4.7	3.5
SW-61	1,1-DCE	15	8	ND < 5
SW-62	1,1-DCE	78	26	32
SW-63	1,1-DCE	40	13	19
SW-64	1,1-DCE	7	ND < 5	ND < 5
SW-65	1,1-DCE	2.7	4.7	3.5
SW-66	1,1-DCE	15	8	ND < 5
SW-67	1,1-DCE	78	26	32
SW-68	1,1-DCE	40	13	19
SW-69	1,1-DCE	7	ND < 5	ND < 5
SW-70	1,1-DCE	2.7	4.7	3.5
SW-71	1,1-DCE	15	8	ND < 5
SW-72	1,1-DCE	78	26	32
SW-73	1,1-DCE	40	13	19
SW-74	1,1-DCE	7	ND < 5	ND < 5
SW-75	1,1-DCE	2.7	4.7	3.5
SW-76	1,1-DCE	15	8	ND < 5
SW-77	1,1-DCE	78	26	32
SW-78	1,1-DCE	40	13	19
SW-79	1,1-DCE	7	ND < 5	ND < 5
SW-80	1,1-DCE	2.7	4.7	3.5
SW-81	1,1-DCE	15	8	ND < 5
SW-82	1,1-DCE	78	26	32
SW-83	1,1-DCE	40	13	19
SW-84	1,1-DCE	7	ND < 5	ND < 5
SW-85	1,1-DCE	2.7	4.7	3.5
SW-86	1,1-DCE	15	8	ND < 5
SW-87	1,1-DCE	78	26	32
SW-88	1,1-DCE	40	13	19
SW-89	1,1-DCE	7	ND < 5	ND < 5
SW-90	1,1-DCE	2.7	4.7	3.5
SW-91	1,1-DCE	15	8	ND < 5
SW-92	1,1-DCE	78	26	32
SW-93	1,1-DCE	40	13	19
SW-94	1,1-DCE	7	ND < 5	ND < 5
SW-95	1,1-DCE	2.7	4.7	3.5
SW-96	1,1-DCE	15	8	ND < 5
SW-97	1,1-DCE	78	26	32
SW-98	1,1-DCE	40	13	19
SW-99	1,1-DCE	7	ND < 5	ND < 5
SW-100	1,1-DCE	2.7	4.7	3.5

NO EXCEEDENCES OF IN-STREAM WATER QUALITY STANDARDS AT THE SITE

N/F WRIGLEY

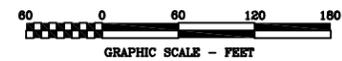
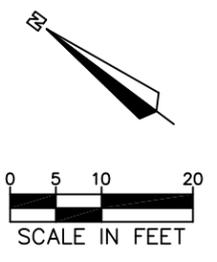


FIGURE 3-2: GROUNDWATER AND SURFACE WATER VOC & 1,4-DIOXANE RESULTS: FALL 2013

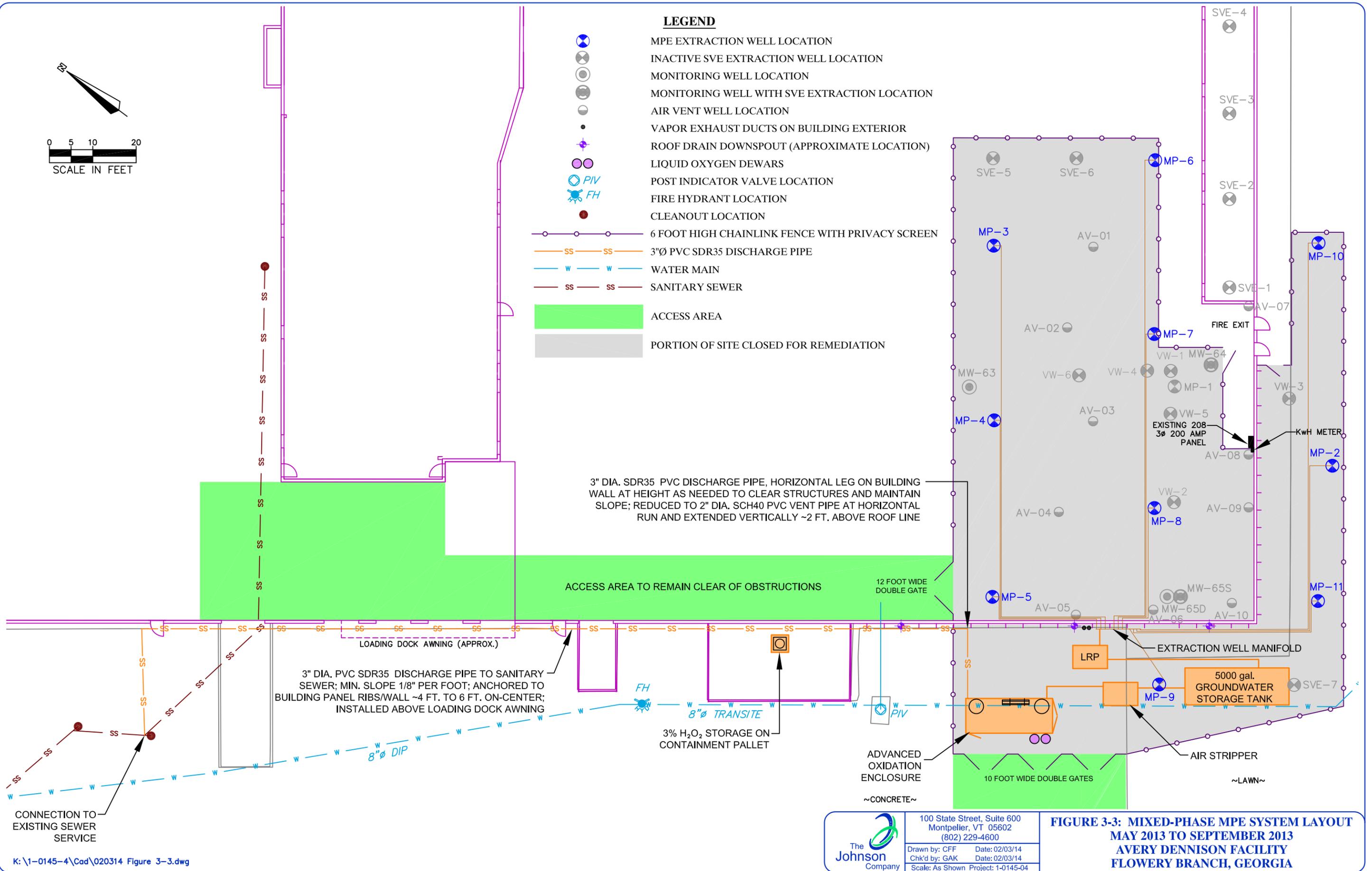
AVERY DENNISON FACILITY
FLOWERY BRANCH, GEORGIA

100 State Street, Suite 600
 Montpelier, VT 05602

Drawn by: TEH Date: 02/03/14
 Reviewed by: GAK Date: 02/03/14
 Scale: 1"=100' Project: 1-0145-4



- LEGEND**
- MPE EXTRACTION WELL LOCATION
 - INACTIVE SVE EXTRACTION WELL LOCATION
 - MONITORING WELL LOCATION
 - MONITORING WELL WITH SVE EXTRACTION LOCATION
 - AIR VENT WELL LOCATION
 - VAPOR EXHAUST DUCTS ON BUILDING EXTERIOR
 - ROOF DRAIN DOWNSPOUT (APPROXIMATE LOCATION)
 - LIQUID OXYGEN DEWARs
 - POST INDICATOR VALVE LOCATION
 - FIRE HYDRANT LOCATION
 - CLEANOUT LOCATION
 - 6 FOOT HIGH CHAINLINK FENCE WITH PRIVACY SCREEN
 - 3"Ø PVC SDR35 DISCHARGE PIPE
 - WATER MAIN
 - SANITARY SEWER
 - ACCESS AREA
 - PORTION OF SITE CLOSED FOR REMEDIATION



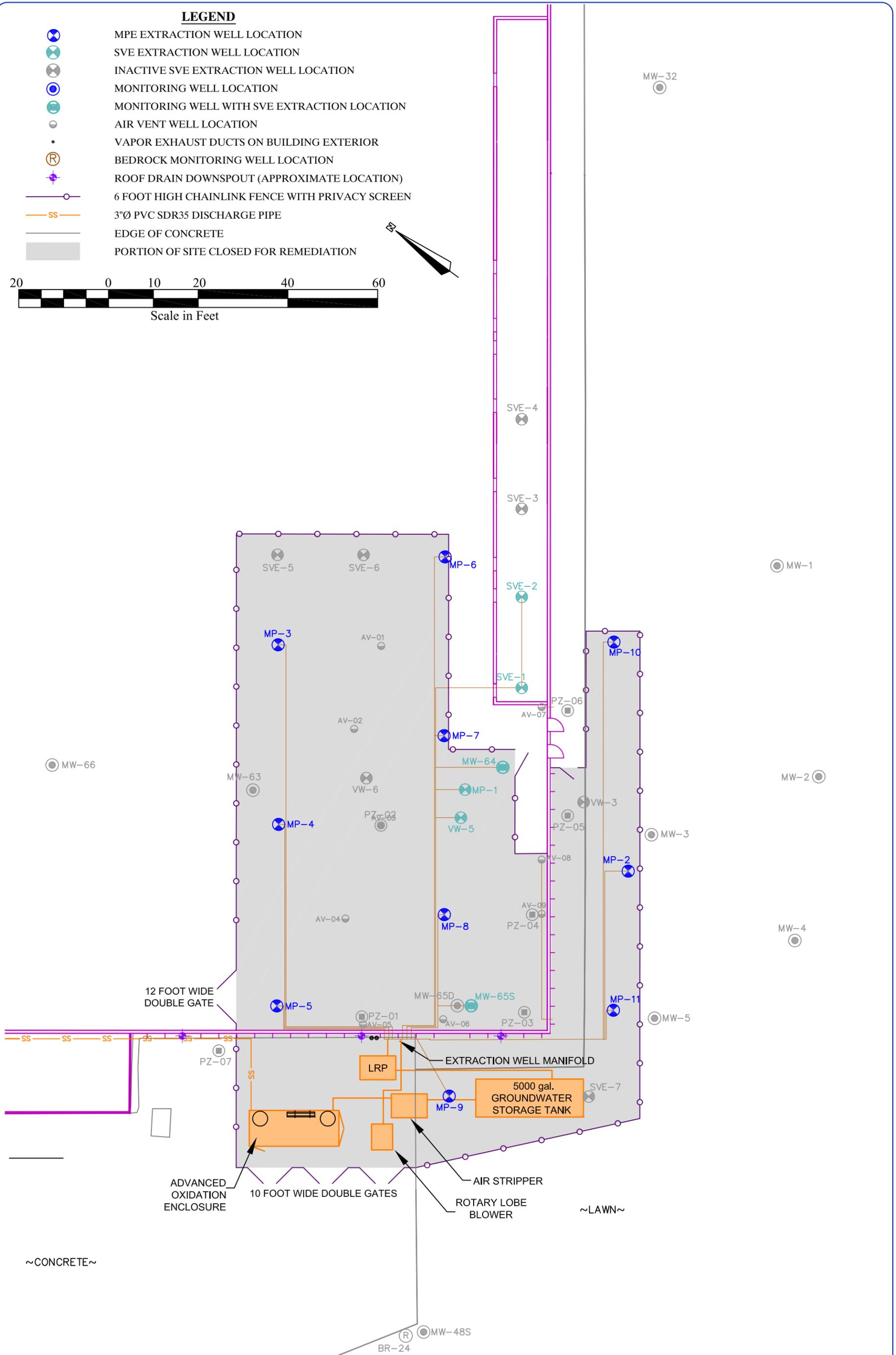
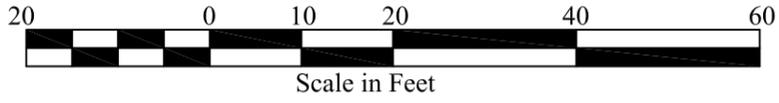
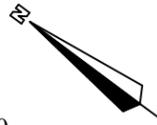
K:\1-0145-4\Cad\020314 Figure 3-3.dwg

The Johnson Company
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 Scale: As Shown Project: 1-0145-04

FIGURE 3-3: MIXED-PHASE MPE SYSTEM LAYOUT
MAY 2013 TO SEPTEMBER 2013
AVERY DENNISON FACILITY
FLOWERY BRANCH, GEORGIA

LEGEND

-  MPE EXTRACTION WELL LOCATION
-  SVE EXTRACTION WELL LOCATION
-  INACTIVE SVE EXTRACTION WELL LOCATION
-  MONITORING WELL LOCATION
-  MONITORING WELL WITH SVE EXTRACTION LOCATION
-  AIR VENT WELL LOCATION
-  VAPOR EXHAUST DUCTS ON BUILDING EXTERIOR
-  BEDROCK MONITORING WELL LOCATION
-  ROOF DRAIN DOWNSPOUT (APPROXIMATE LOCATION)
-  6 FOOT HIGH CHAINLINK FENCE WITH PRIVACY SCREEN
-  3"Ø PVC SDR35 DISCHARGE PIPE
-  EDGE OF CONCRETE
-  PORTION OF SITE CLOSED FOR REMEDIATION



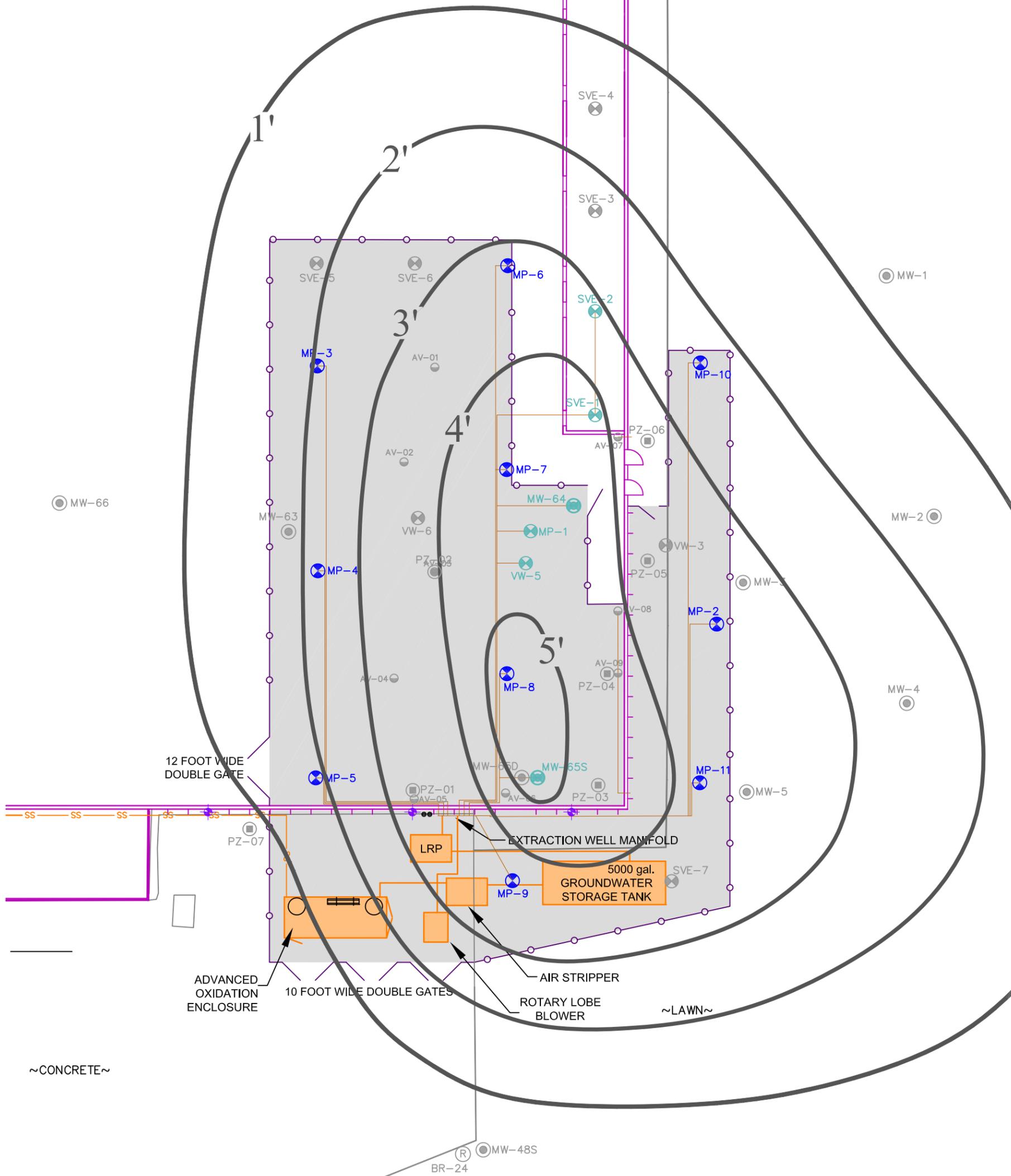
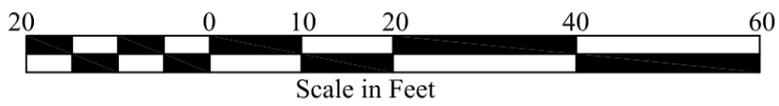
**FIGURE 3-4: MIXED-PHASE MPE SYSTEM LAYOUT WITH ENHANCED VAPOR EXTRACTION: SEPT. 2013 TO JAN. 2013
AVERY DENNISON FACILITY
FLOWERY BRANCH, GEORGIA**



100 State Street, Suite 600
Montpelier, VT 05602
(802) 229-4600
Drawn by: CFF Date: 02/03/14
Chk'd by: GAK Date: 02/03/14
Scale: 1:20 Project: 1-0145-18

LEGEND

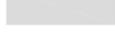
-  MPE EXTRACTION WELL LOCATION
-  SVE EXTRACTION WELL LOCATION
-  INACTIVE SVE EXTRACTION WELL LOCATION
-  MONITORING WELL LOCATION
-  MONITORING WELL WITH SVE EXTRACTION LOCATION
-  AIR VENT WELL LOCATION
-  VAPOR EXHAUST DUCTS ON BUILDING EXTERIOR
-  BEDROCK MONITORING WELL LOCATION
-  ROOF DRAIN DOWNSPOUT (APPROXIMATE LOCATION)
-  6 FOOT HIGH CHAINLINK FENCE WITH PRIVACY SCREEN
-  3"Ø PVC SDR35 DISCHARGE PIPE
-  EDGE OF CONCRETE
-  PORTION OF SITE CLOSED FOR REMEDIATION

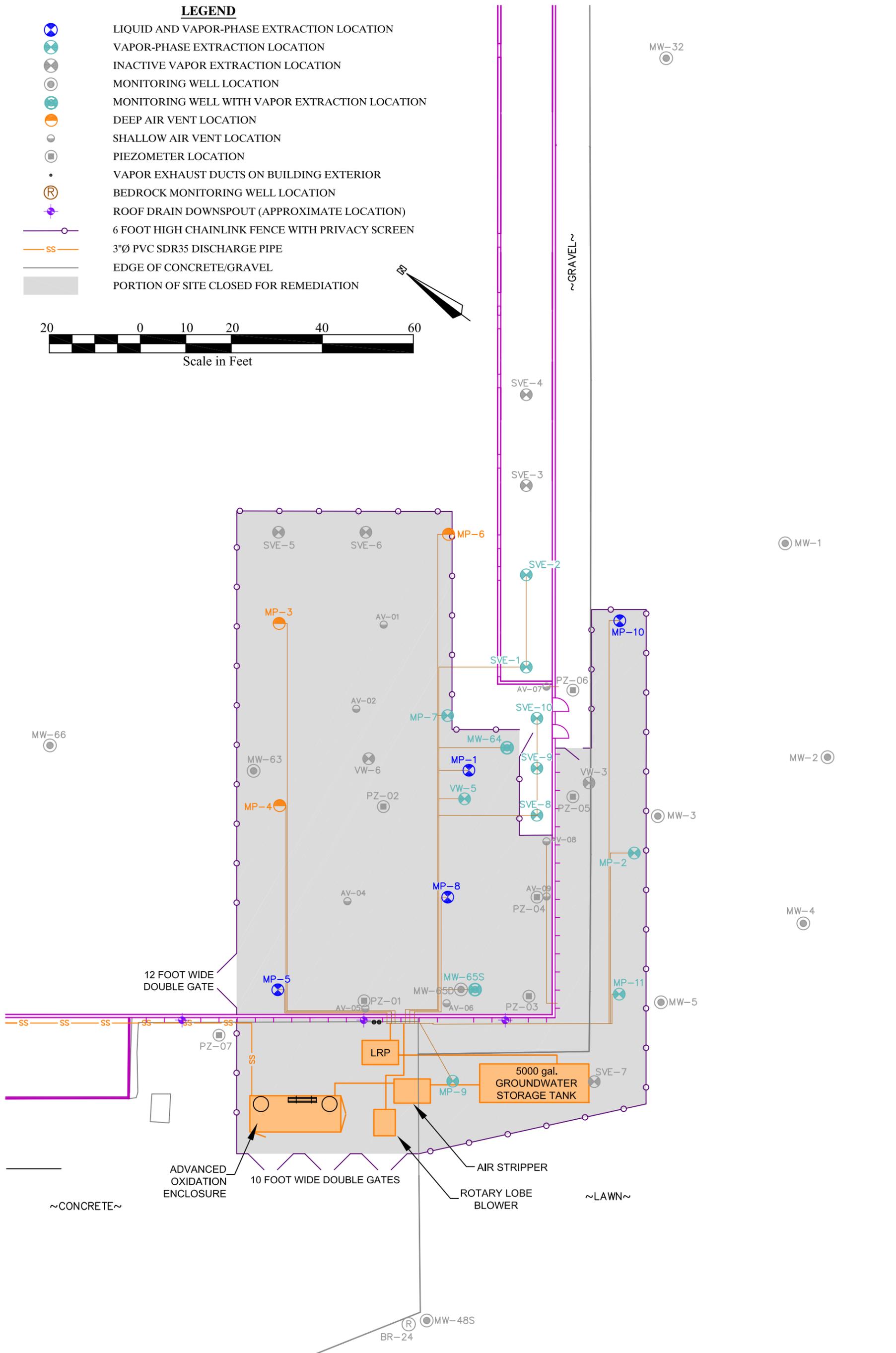
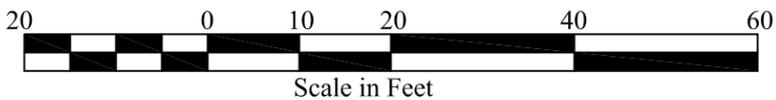


**FIGURE 3-6: WATER TABLE DRAWDOWN INDUCED BY MIXED-PHASE MPE SYSTEM OPERATIONS
AVERY DENNISON FACILITY
FLOWERY BRANCH, GEORGIA**

	100 State Street, Suite 600 Montpelier, VT 05602 (802) 229-4600	
	Drawn by: CFF	Date: 02/03/14
	Chk'd by: GAK	Date: 02/03/14
	Scale: 1:20	Project: 1-0145-18

LEGEND

-  LIQUID AND VAPOR-PHASE EXTRACTION LOCATION
-  VAPOR-PHASE EXTRACTION LOCATION
-  INACTIVE VAPOR EXTRACTION LOCATION
-  MONITORING WELL LOCATION
-  MONITORING WELL WITH VAPOR EXTRACTION LOCATION
-  DEEP AIR VENT LOCATION
-  SHALLOW AIR VENT LOCATION
-  PIEZOMETER LOCATION
-  VAPOR EXHAUST DUCTS ON BUILDING EXTERIOR
-  BEDROCK MONITORING WELL LOCATION
-  ROOF DRAIN DOWNSPOUT (APPROXIMATE LOCATION)
-  6 FOOT HIGH CHAINLINK FENCE WITH PRIVACY SCREEN
-  3"Ø PVC SDR35 DISCHARGE PIPE
-  EDGE OF CONCRETE/GRAVEL
-  PORTION OF SITE CLOSED FOR REMEDIATION



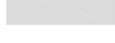
**FIGURE 3-7: SEPARATE-PHASE MPE SYSTEM LAYOUT
JANUARY 2014 TO PRESENT
AVERY DENNISON FACILITY
FLOWERY BRANCH, GEORGIA**

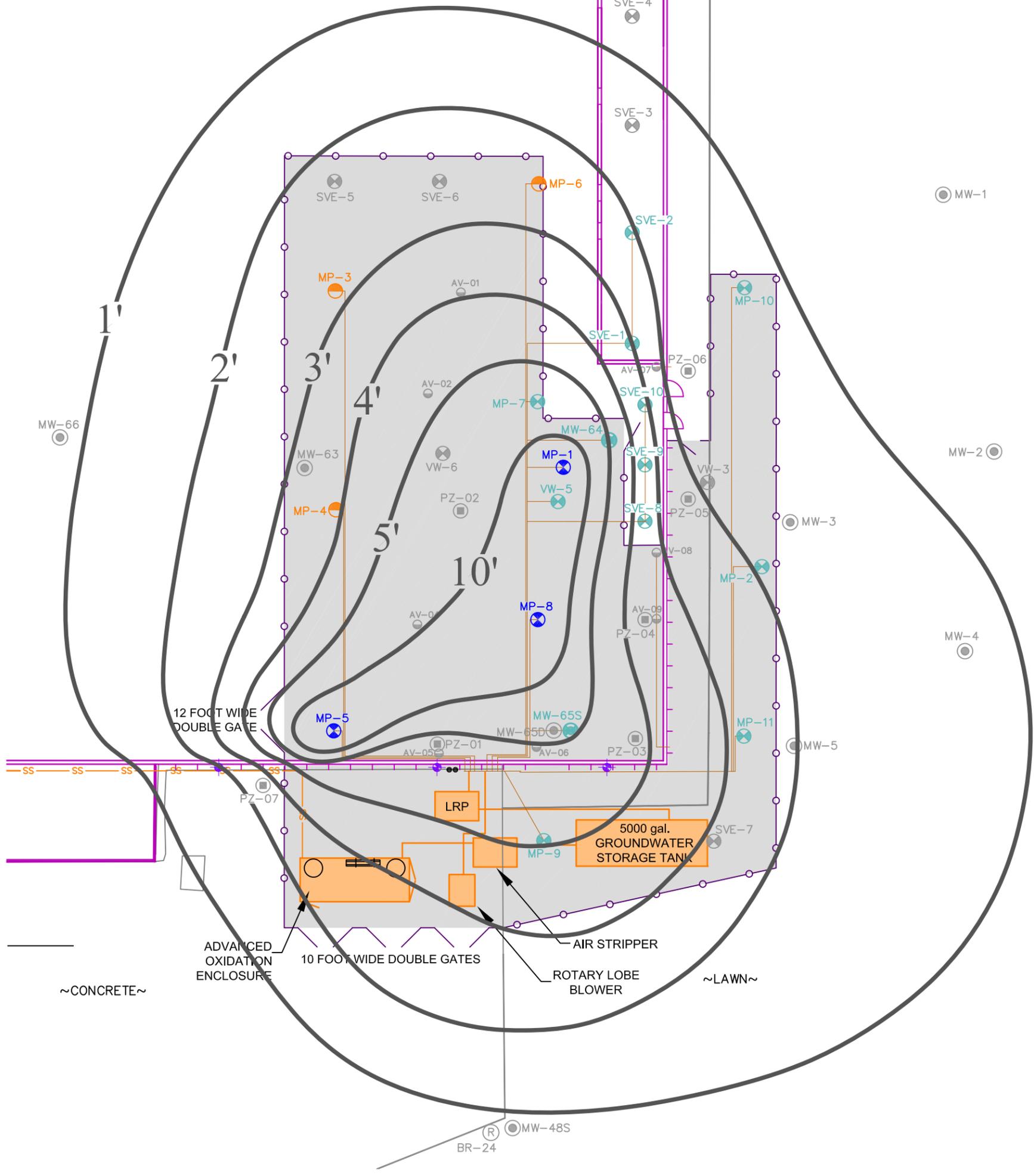
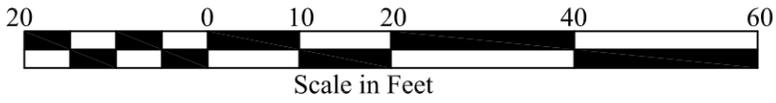


100 State Street, Suite 600
Montpelier, VT 05602
(802) 229-4600

Drawn by: CFF Date: 02/03/14
Chk'd by: GAK Date: 02/03/14
Scale: 1:20 Project: 1-0145-18

LEGEND

-  LIQUID AND VAPOR-PHASE EXTRACTION LOCATION
-  VAPOR-PHASE EXTRACTION LOCATION
-  INACTIVE VAPOR EXTRACTION LOCATION
-  MONITORING WELL LOCATION
-  MONITORING WELL WITH VAPOR EXTRACTION LOCATION
-  DEEP AIR VENT LOCATION
-  SHALLOW AIR VENT LOCATION
-  PIEZOMETER LOCATION
-  VAPOR EXHAUST DUCTS ON BUILDING EXTERIOR
-  BEDROCK MONITORING WELL LOCATION
-  ROOF DRAIN DOWNSPOUT (APPROXIMATE LOCATION)
-  6 FOOT HIGH CHAINLINK FENCE WITH PRIVACY SCREEN
-  3"Ø PVC SDR35 DISCHARGE PIPE
-  EDGE OF CONCRETE/GRAVEL
-  PORTION OF SITE CLOSED FOR REMEDIATION

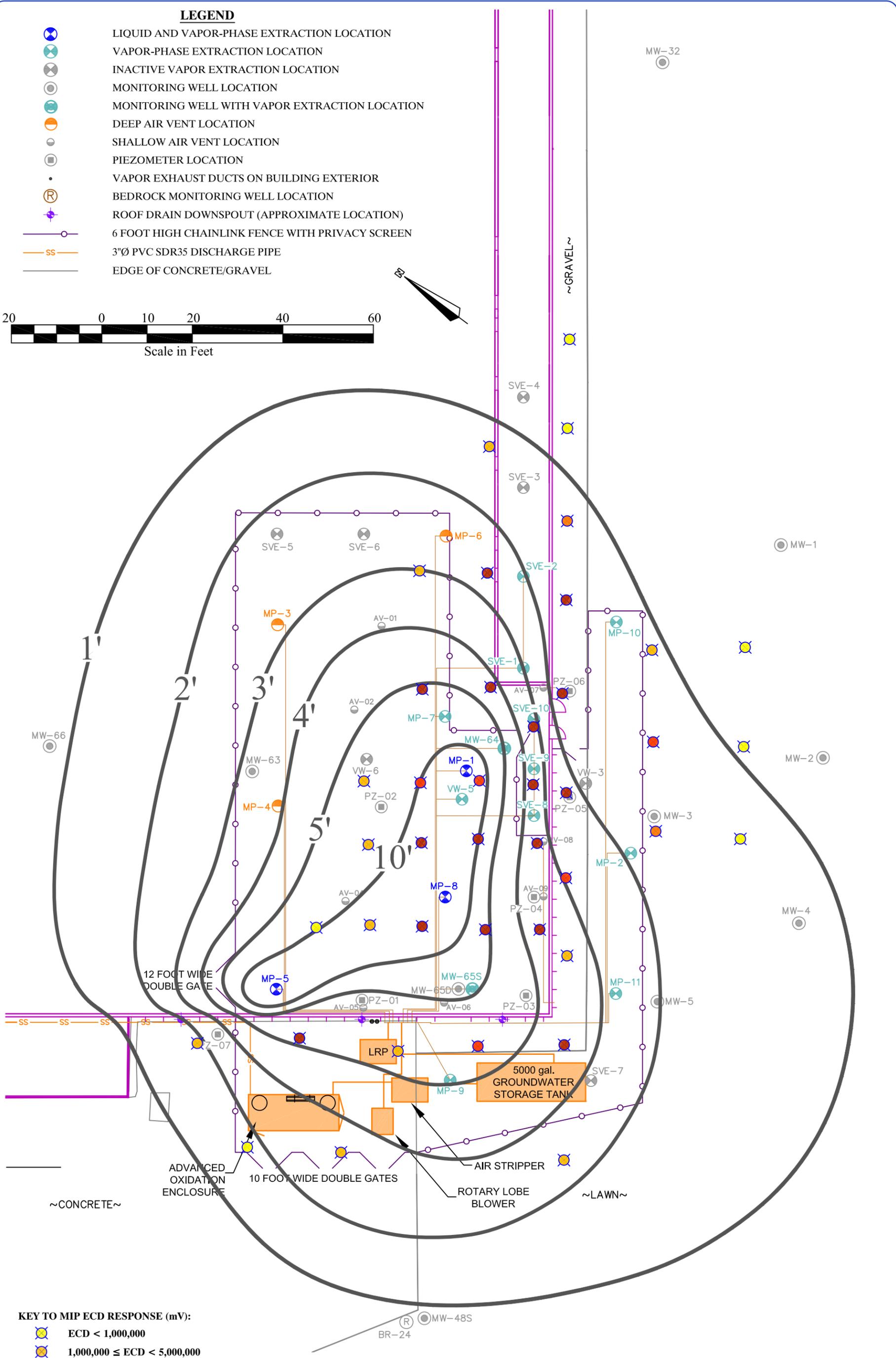
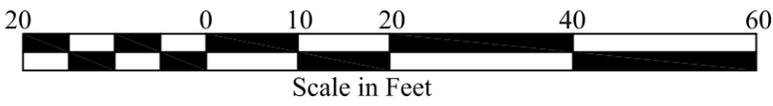


**FIGURE 3-8: INDUCED WATER TABLE DRAWDOWN
SEPARATE-PHASE MPE SYSTEM: JANUARY 2014 TO PRESENT
AVERY DENNISON FACILITY
FLOWERY BRANCH, GEORGIA**

	100 State Street, Suite 600 Montpelier, VT 05602 (802) 229-4600	
	Drawn by: CFF	Date: 02/03/14
	Chk'd by: GAK	Date: 02/03/14
	Scale: 1:20	Project: 1-0145-18

LEGEND

-  LIQUID AND VAPOR-PHASE EXTRACTION LOCATION
-  VAPOR-PHASE EXTRACTION LOCATION
-  INACTIVE VAPOR EXTRACTION LOCATION
-  MONITORING WELL LOCATION
-  MONITORING WELL WITH VAPOR EXTRACTION LOCATION
-  DEEP AIR VENT LOCATION
-  SHALLOW AIR VENT LOCATION
-  PIEZOMETER LOCATION
-  VAPOR EXHAUST DUCTS ON BUILDING EXTERIOR
-  BEDROCK MONITORING WELL LOCATION
-  ROOF DRAIN DOWNSPOUT (APPROXIMATE LOCATION)
-  6 FOOT HIGH CHAINLINK FENCE WITH PRIVACY SCREEN
-  3"Ø PVC SDR35 DISCHARGE PIPE
-  EDGE OF CONCRETE/GRAVEL



- KEY TO MIP ECD RESPONSE (mV):**
-  ECD < 1,000,000
 -  1,000,000 ≤ ECD < 5,000,000
 -  5,000,000 ≤ ECD < 10,000,000
 -  10,000,000 ≤ ECD < 14,000,000
 -  14,000,000 ≤ ECD

**FIGURE 3-9: INDUCED WATER TABLE DRAWDOWN AND ZONE OF ELEVATED MIP RESPONSE
AVERY DENNISON FACILITY
FLOWERY BRANCH, GEORGIA**

	100 State Street, Suite 600 Montpelier, VT 05602 (802) 229-4600
	Drawn by: CFF Date: 02/03/14 Chk'd by: GAK Date: 02/03/14
	Scale: 1:20 Project: 1-0145-18

LEGEND

- BUILDING FOOTPRINT
- SURFACE WATER/DRAINAGE
- OCT. 2012 WATER TABLE POTENTIOMETRIC CONTOUR (2 FT. INTERVALS)
- UNCONSOLIDATED DEPOSITS WELL
- BEDROCK WELL
- WEATHERED BEDROCK WELL
- TEMPORARY WELL
- STREAM BED WELL
- SURFACE WATER MONITORING LOCATION
- TOTAL VOC DETECTED FALL 2012 (ug/L)
- ESTIMATED TOTAL VOC ISOCONTOUR FALL 2012 (ug/L)
- ESTIMATED ZONE OF TYPE 3/4 RISK REDUCTION STANDARDS EXCEEDENCE
- ESTIMATED ZONE OF TYPE 1 RISK REDUCTION STANDARDS EXCEEDENCE

Notes:

- The isocontours were drawn considering the maximum VOC concentration for paired wells
- ND = Not Detected above Laboratory PQL
- NS = Not Sampled
- Wells labeled with a date or dates following "NS" were sampled only during the indicated months
- *Acetone was the only VOC detected in well BR-1S
- All samples analyzed by EPA Method 8260B for full analyte list

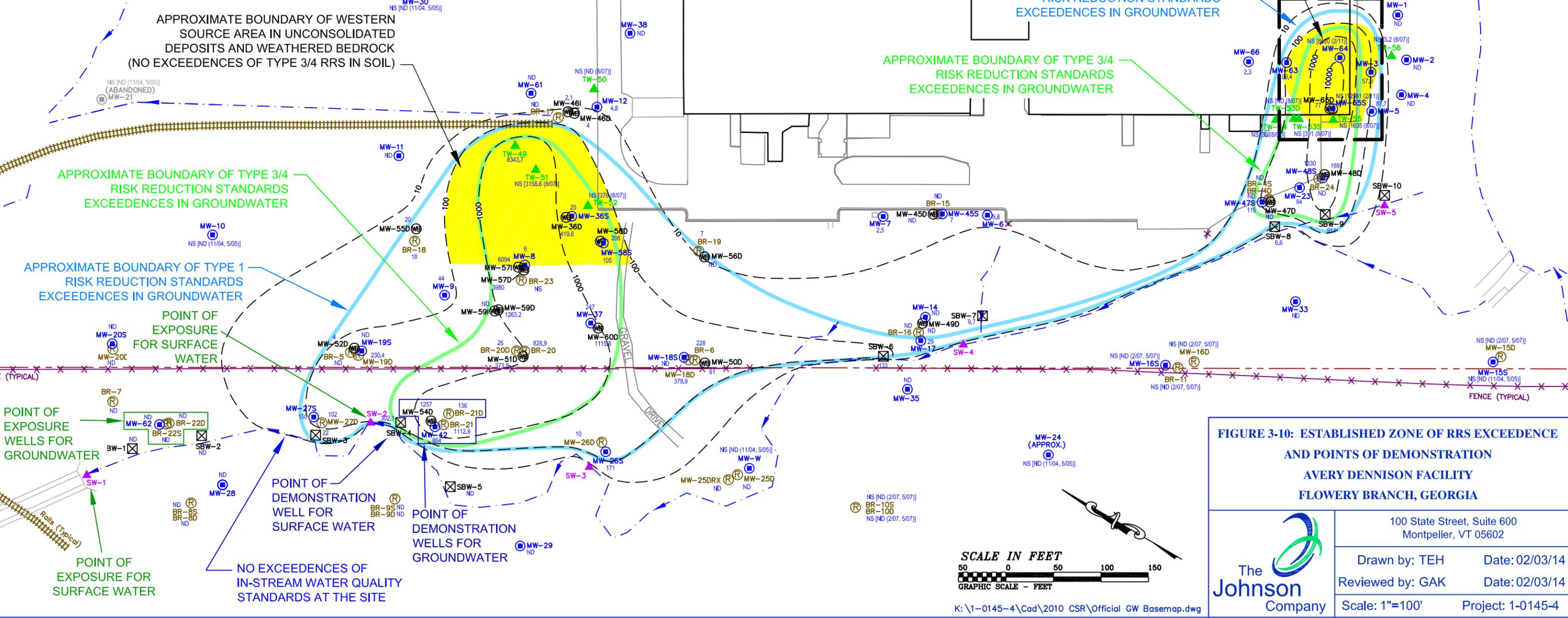
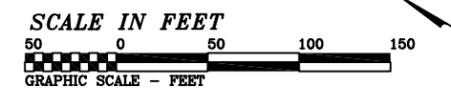


FIGURE 3-10: ESTABLISHED ZONE OF RRS EXCEEDENCE AND POINTS OF DEMONSTRATION AVERY DENNISON FACILITY FLOWERY BRANCH, GEORGIA

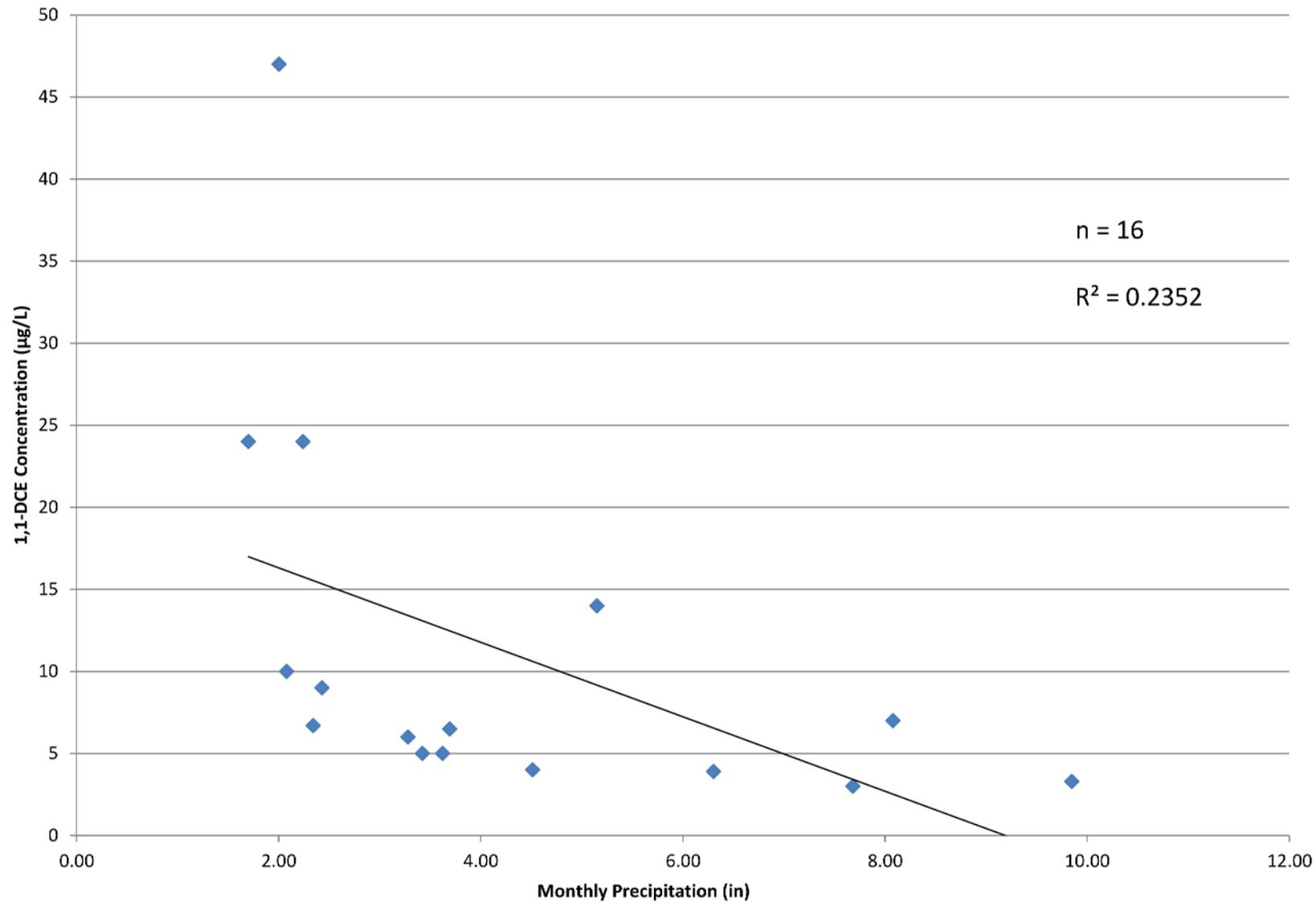
100 State Street, Suite 600
Montpelier, VT 05602

Drawn by: TEH Date: 02/03/14
Reviewed by: GAK Date: 02/03/14
Scale: 1"=100' Project: 1-0145-4

The Johnson Company



K:\1-0145-4\Cad\2010 CSR\Official GW Basemap.dwg



◆ Max 1,1-DCE Concentration In Surface Water per Sampling Event — 1,1-DCE Trendline

Data Source: NOAA National Climatic Data Center
 Station: GHCND:USC00093621 Gainesville, GA
 (<http://www.ncdc.noaa.gov/>)

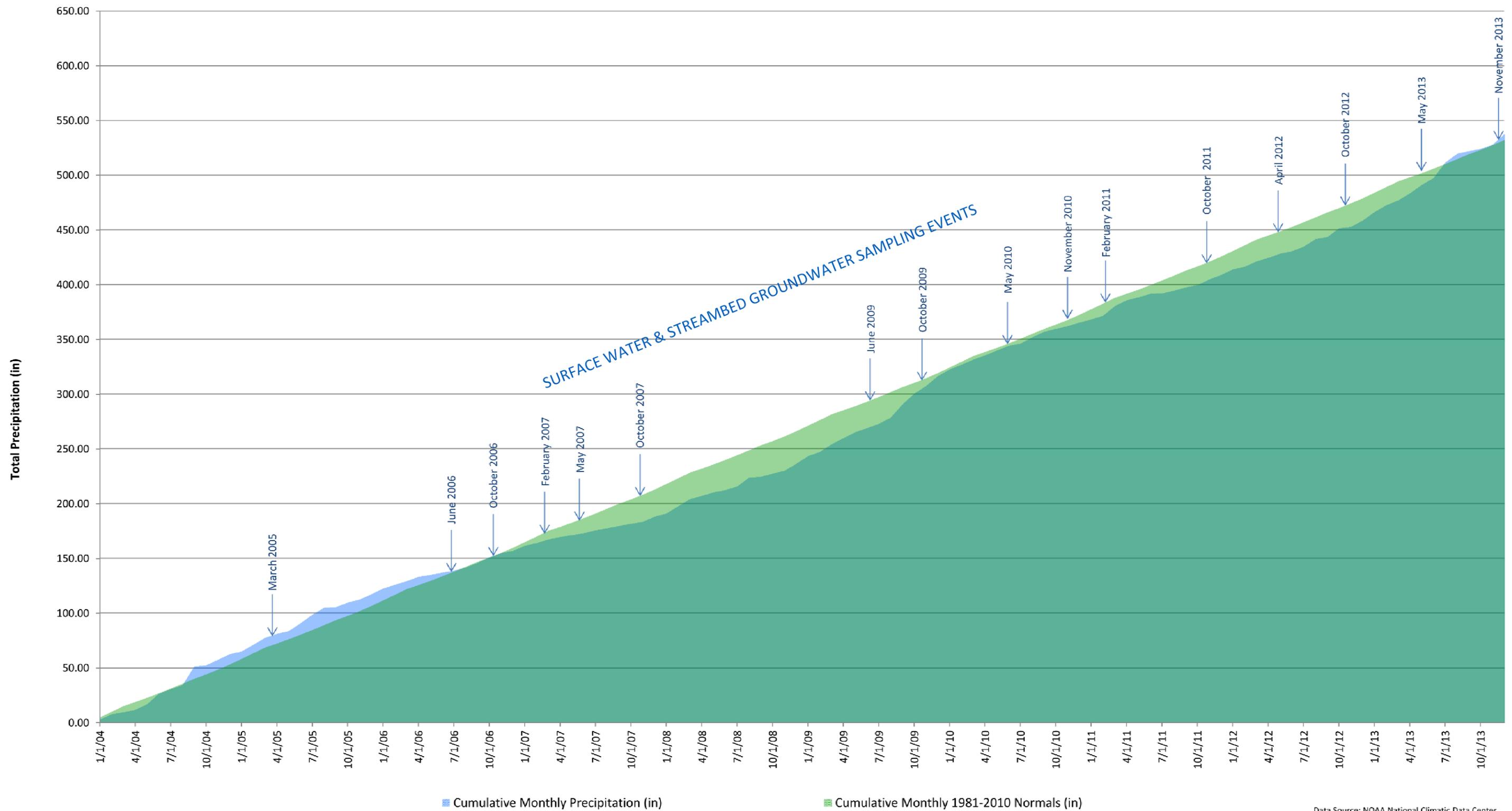
FIGURE 3-11: MAXIMUM CONCENTRATION OF 1,1-DICHLOROETHENE IN SURFACE WATER PER SAMPLING EVENT VS CORRESPONDING MONTHLY PRECIPITATION

**AVERY DENNISON FACILITY
 FLOWERY BRANCH, GEORGIA**



100 State Street, Suite 600
 Montpelier, VT 05602
 (802) 229-4600

Drawn by: TEH	Date: 02/03/14
Chk'd by: GAK	Date: 02/03/14
Scale: No Scale	Project: 1-0145-4



Data Source: NOAA National Climatic Data Center
<http://www.ncdc.noaa.gov/>

	100 State Street, Suite 600 Montpelier, VT 05602 (802) 229-4600	
	Drawn by: TEH	Date: 02/03/14
	Chk'd by: GAK	Date: 02/03/14
Scale: No Scale		Project: 1-0145-4

**FIGURE 3-12: CUMULATIVE MONTHLY PRECIPITATION
 JANUARY 2004 - DECEMBER 2013
 STATION: GHCND:USC0093621 (GAINESVILLE GA)
 FLOWERY BRANCH, GEORGIA**

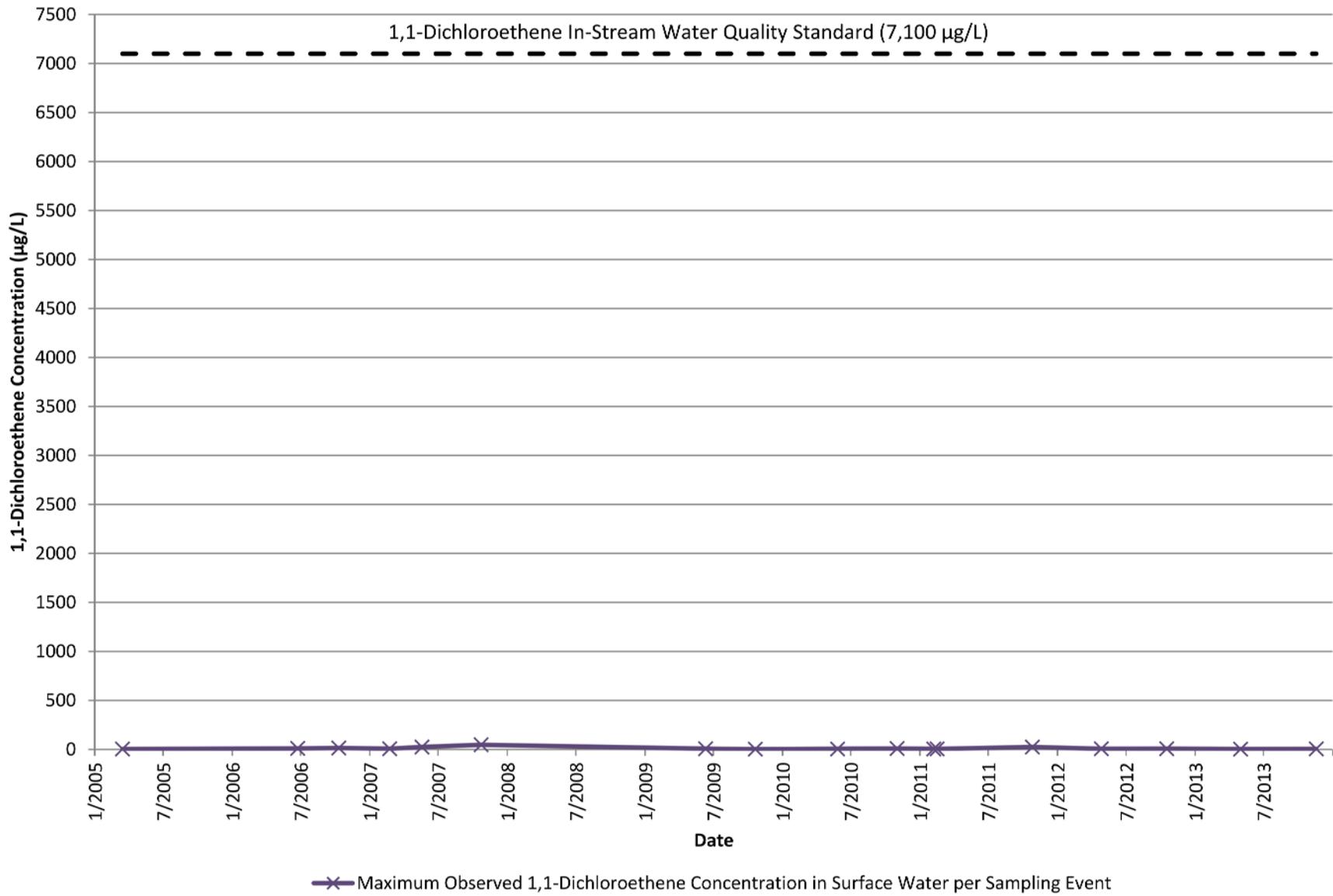


FIGURE 3-13: MAXIMUM OBSERVED 1,1-DICHLOROETHENE CONCENTRATION IN SURFACE WATER VS INSTREAM WATER QUALITY STANDARD
AVERY DENNISON FACILITY
FLOWERY BRANCH, GEORGIA



100 State Street, Suite 600
 Montpelier, VT 05602
 (802) 229-4600

Drawn by: TEH	Date: 02/03/14
Chk'd by: GAK	Date: 02/03/14
Scale: No Scale	Project: 1-01454

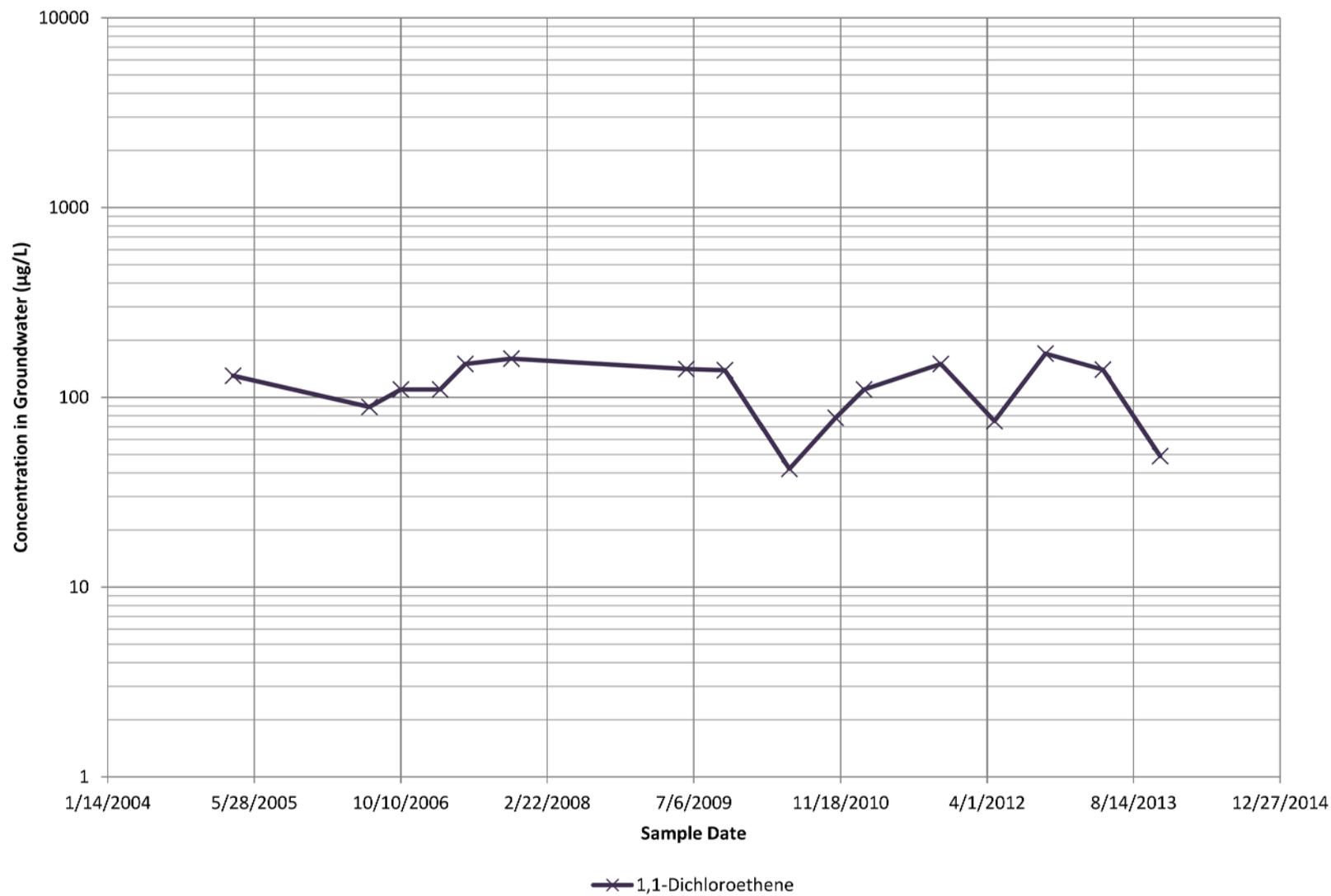


FIGURE 3-14: 1,1-DICHLOROETHENE CONCENTRATION IN POINT OF DEMONSTRATION GROUNDWATER VS TIME
STREAMBED MONITORING WELL: SBW-4
AVERY DENNISON FACILITY - FLOWERY BRANCH, GEORGIA



100 State Street, Suite 600
 Montpelier, VT 05602
 (802) 229-4600

Drawn by: TEH	Date: 02/03/14
Chk'd by: GAK	Date: 02/03/14
Scale: No Scale	Project: 1-0145-4

TABLES

Table 4-1
Summary of Concentrations of VOCs and 1,4-Dioxane in Groundwater
2002-2013
Avery Dennison Site
Flowery Branch, Georgia

VOC (µg/L)	Sample ID:	BR-1D	BR-1D	BR-1D	BR-1D	BR-1D	BR-1D	BR-1D	BR-1S	BR-1S	BR-1S	BR-1S	BR-1S	BR-1S	
	Date:	6/8/2005	6/8/2005	6/20/2006	10/3/2006	2/16/2007	5/15/2007	10/24/2007	5/25/2005	6/17/2006	10/4/2006	2/17/2007	5/15/2007	10/25/2007	
	Type 3/4 GW RRS	Duplicate													
1,1,1-Trichloroethane	13600	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	
1,1,2-Trichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	
1,1-Dichloroethane	4000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	
1,1-Dichloroethene	520	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	
1,2-Dichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	
1,4-Dichlorobenzene	75	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	
1,4-Dioxane	70	--	--	--	--	--	--	--	--	--	--	--	--	--	
2-Butanone (MEK)	11800	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	
Acetone	45600	210	230	ND < 50	ND < 50	98	170	210	120	150					
Carbon disulfide	4000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	
Carbon tetrachloride	10	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	
Chloroethane	29200	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	
Chloroform	80	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	
cis-1,2-Dichloroethene	200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	
Ethyl benzene	700	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	
Freon-11	2000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	
Methylcyclohexane	Not Regulated	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	
Methylene chloride	450	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	
Styrene	2600	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	
Tetrachloroethene	98	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	
Toluene	5200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	
trans-1,2-Dichloroethene	160	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	
Trichloroethene	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	
Vinyl chloride	3	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	
m&p-Xylene	10000	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	
o-Xylene	10000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	
Xylenes (total)	10000	--	--	ND < 5	ND < 5	--	ND < 5	ND < 5	ND < 5	ND < 5					

Notes:

- 1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
- 2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
- 3) "--" = Compound was not included in the laboratory analysis.
- 4) Detections in excess of Type 3/4 groundwater RRS are shaded.
- 5) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
- 6) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
- 7) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-1
Summary of Concentrations of VOCs and 1,4-Dioxane in Groundwater
2002-2013
Avery Dennison Site
Flowery Branch, Georgia

VOC (µg/L)	Sample ID:	BR-2	BR-2	BR-2	BR-2	BR-2	BR-2	BR-3	BR-3	BR-3	BR-3	BR-3	BR-4D	BR-4D
	Date:	5/23/2005	6/17/2006	10/3/2006	2/17/2007	5/15/2007	10/24/2007	6/14/2005	6/17/2006	10/5/2006	2/18/2007	5/18/2007	6/8/2005	6/20/2006
	Type 3/4 GW RRS													
1,1,1-Trichloroethane	13600	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5					
1,1,2-Trichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethane	4000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5					
1,1-Dichloroethene	520	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5					
1,2-Dichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,4-Dichlorobenzene	75	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5					
1,4-Dioxane	70	--	--	--	--	--	--	--	--	--	--	--	--	--
2-Butanone (MEK)	11800	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50					
Acetone	45600	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50					
Carbon disulfide	4000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5					
Carbon tetrachloride	10	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5					
Chloroethane	29200	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10					
Chloroform	80	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5					
cis-1,2-Dichloroethene	200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5					
Ethyl benzene	700	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5					
Freon-11	2000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5					
Methylcyclohexane	Not Regulated	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5					
Methylene chloride	450	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5					
Styrene	2600	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5					
Tetrachloroethene	98	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5					
Toluene	5200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5					
trans-1,2-Dichloroethene	160	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5					
Trichloroethene	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Vinyl chloride	3	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2					
m&p-Xylene	10000	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10					
o-Xylene	10000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5					
Xylenes (total)	10000	--	ND < 5	ND < 5	--	ND < 5	ND < 5	ND < 5	--	ND < 5				

Notes:

- 1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
- 2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
- 3)"--" = Compound was not included in the laboratory analysis.
- 4)Detections in excess of Type 3/4 groundwater RRS are shaded.
- 5) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
- 6) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
- 7) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-1
Summary of Concentrations of VOCs and 1,4-Dioxane in Groundwater
2002-2013
Avery Dennison Site
Flowery Branch, Georgia

VOC (µg/L)	Sample ID:	BR-4D	BR-4D	BR-4D	BR-4D	BR-4D	BR-4D	BR-4D	BR-4D	BR-4D	BR-4D	BR-4D	BR-4D	BR-4D
	Date:	10/5/2006	2/19/2007	5/17/2007	10/26/2007	6/3/2009	6/3/2009	10/15/2009	10/15/2009	5/25/2010	11/3/2010	2/8/2011	10/25/2011	4/19/2012
	Type 3/4 GW RRS						Duplicate		Duplicate					
1,1,1-Trichloroethane	13600	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1,2-Trichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethane	4000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethene	520	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1	ND < 1	ND < 5	ND < 2	ND < 2	ND < 2	ND < 2
1,2-Dichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,4-Dichlorobenzene	75	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1	ND < 1	ND < 5	--	--	--	--
1,4-Dioxane	70	--	--	--	--	ND < 60	ND < 60	ND < 150	ND < 150	ND < 250	ND < 250	ND < 250	ND < 2	ND < 2
2-Butanone (MEK)	11800	ND < 50	ND < 50	ND < 50	ND < 50	ND < 5	ND < 5	ND < 5	ND < 5	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10
Acetone	45600	ND < 50	ND < 50	ND < 50	ND < 50	ND < 5	ND < 5	ND < 25	ND < 25	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20
Carbon disulfide	4000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Carbon tetrachloride	10	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Chloroethane	29200	ND < 10	ND < 10	ND < 10	ND < 10	ND < 1	ND < 1	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Chloroform	80	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
cis-1,2-Dichloroethene	200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Ethyl benzene	700	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Freon-11	2000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1	ND < 1	ND < 5	--	--	--	--
Methylcyclohexane	Not Regulated	ND < 5	ND < 5	ND < 5	ND < 5	--	--	--	--	ND < 5	--	--	--	--
Methylene chloride	450	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 2	ND < 2	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Styrene	2600	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Tetrachloroethene	98	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Toluene	5200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
trans-1,2-Dichloroethene	160	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Trichloroethene	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Vinyl chloride	3	ND < 2	ND < 2	ND < 2	ND < 2	ND < 1	ND < 1	ND < 1	ND < 1	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2
m&p-Xylene	10000	ND < 10	ND < 10	ND < 10	ND < 10	ND < 2	ND < 2	ND < 2	ND < 2	--	--	--	--	--
o-Xylene	10000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1	ND < 1	--	--	--	--	--
Xylenes (total)	10000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	--	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5

Notes:

- 1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
- 2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
- 3)"--" = Compound was not included in the laboratory analysis.
- 4)Detections in excess of Type 3/4 groundwater RRS are shaded.
- 5) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
- 6) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
- 7) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-1
Summary of Concentrations of VOCs and 1,4-Dioxane in Groundwater
2002-2013
Avery Dennison Site
Flowery Branch, Georgia

VOC (µg/L)	Sample ID:	BR-4D	BR-4S	BR-4S	BR-4S	BR-4S	BR-4S	BR-4S	BR-4S	BR-4S	BR-4S	BR-4S	BR-4S	BR-4S	
	Date:	10/20/2012	5/26/2005	6/19/2006	10/6/2006	2/18/2007	5/16/2007	10/25/2007	6/3/2009	10/14/2009	5/25/2010	11/3/2010	2/5/2011	10/24/2011	
	Type 3/4 GW RRS														
1,1,1-Trichloroethane	13600	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5
1,1,2-Trichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethane	4000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethene	520	ND < 2	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 2	ND < 2	ND < 2					
1,2-Dichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5
1,4-Dichlorobenzene	75	--	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	--	--	--					
1,4-Dioxane	70	ND < 2	--	--	--	--	--	--	--	ND < 60	ND < 150	ND < 250	ND < 250	ND < 250	ND < 2
2-Butanone (MEK)	11800	ND < 10	ND < 50	ND < 50	ND < 5	ND < 5	ND < 10	ND < 10	ND < 10	ND < 10					
Acetone	45600	ND < 20	ND < 50	ND < 50	ND < 5	ND < 25	ND < 20	ND < 20	ND < 20	ND < 20					
Carbon disulfide	4000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	ND < 5	ND < 5	ND < 5	ND < 5
Carbon tetrachloride	10	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5
Chloroethane	29200	ND < 5	ND < 10	ND < 10	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5					
Chloroform	80	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5
cis-1,2-Dichloroethene	200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	1.4	ND < 5	ND < 5	ND < 5	ND < 5
Ethyl benzene	700	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5
Freon-11	2000	--	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	--	--	--					
Methylcyclohexane	Not Regulated	--	ND < 5	ND < 5	--	--	ND < 5	--	--	--					
Methylene chloride	450	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 2	ND < 5	ND < 5	ND < 5	ND < 5
Styrene	2600	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5
Tetrachloroethene	98	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5
Toluene	5200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5
trans-1,2-Dichloroethene	160	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5
Trichloroethene	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	2.1	ND < 5	ND < 5	ND < 5	ND < 5
Vinyl chloride	3	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 1	ND < 1	ND < 2	ND < 2	ND < 2	ND < 2
m&p-Xylene	10000	--	ND < 10	ND < 10	ND < 2	ND < 2	--	--	--	--					
o-Xylene	10000	--	ND < 5	ND < 5	ND < 1	ND < 1	--	--	--	--					
Xylenes (total)	10000	ND < 5	--	ND < 5	ND < 5	ND < 1	--	ND < 5	ND < 5	ND < 5	ND < 5				

- Notes:
- 1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
 - 2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
 - 3)"--" = Compound was not included in the laboratory analysis.
 - 4)Detections in excess of Type 3/4 groundwater RRS are shaded.
 - 5) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
 - 6) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
 - 7) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-1
Summary of Concentrations of VOCs and 1,4-Dioxane in Groundwater
2002-2013
Avery Dennison Site
Flowery Branch, Georgia

VOC (µg/L)	Sample ID:	BR-4S	BR-4S	BR-5	BR-5	BR-5	BR-5	BR-5	BR-5	BR-5	BR-5	BR-5	BR-5	BR-5
	Date:	4/19/2012	10/20/2012	5/23/2005	6/22/2006	10/7/2006	2/20/2007	5/19/2007	10/27/2007	6/6/2009	10/16/2009	10/18/2011	4/24/2012	10/18/2012
	Type 3/4 GW RRS													
1,1,1-Trichloroethane	13600	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5
1,1,2-Trichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5
1,1-Dichloroethane	4000	ND < 5	ND < 5	ND < 5	17	ND < 5	17	ND < 5	ND < 5	2.9	2.7	ND < 5	ND < 5	ND < 5
1,1-Dichloroethene	520	ND < 2	ND < 2	6.2	89	23	88	18	5.6	5.9	2.7	3	ND < 2	ND < 2
1,2-Dichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5
1,4-Dichlorobenzene	75	--	--	ND < 5	ND < 5	ND < 1	ND < 1	--	--					
1,4-Dioxane	70	ND < 2	ND < 2	--	--	--	--	--	--	ND < 150	ND < 150	ND < 2	ND < 2	ND < 2
2-Butanone (MEK)	11800	ND < 10	ND < 10	ND < 50	ND < 50	ND < 5	ND < 5	ND < 10	ND < 10					
Acetone	45600	ND < 20	ND < 20	ND < 50	ND < 25	ND < 25	ND < 20	ND < 20	ND < 20					
Carbon disulfide	4000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5
Carbon tetrachloride	10	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5
Chloroethane	29200	ND < 5	ND < 5	ND < 10	ND < 10	ND < 1	ND < 1	ND < 5	ND < 5					
Chloroform	80	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5
cis-1,2-Dichloroethene	200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5
Ethyl benzene	700	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5
Freon-11	2000	--	--	ND < 5	ND < 5	ND < 1	ND < 1	--	--					
Methylcyclohexane	Not Regulated	--	--	ND < 5	ND < 5	--	--	--	--					
Methylene chloride	450	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 2	ND < 2	ND < 5	ND < 5
Styrene	2600	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5
Tetrachloroethene	98	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5
Toluene	5200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5
trans-1,2-Dichloroethene	160	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5
Trichloroethene	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5
Vinyl chloride	3	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 1	ND < 1	ND < 2	ND < 2
m&p-Xylene	10000	--	--	ND < 10	ND < 10	ND < 2	ND < 2	--	--					
o-Xylene	10000	--	--	ND < 5	ND < 5	ND < 1	ND < 1	--	--					
Xylenes (total)	10000	ND < 5	ND < 5	--	ND < 5	ND < 5	--	--	ND < 5	ND < 5				

- Notes:
- 1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
 - 2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
 - 3)"--" = Compound was not included in the laboratory analysis.
 - 4)Detections in excess of Type 3/4 groundwater RRS are shaded.
 - 5) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
 - 6) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
 - 7) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-1
Summary of Concentrations of VOCs and 1,4-Dioxane in Groundwater
2002-2013
Avery Dennison Site
Flowery Branch, Georgia

VOC (µg/L)	Sample ID:	BR-6	BR-6	BR-6	BR-6	BR-6	BR-6	BR-6	BR-6	BR-6	BR-6	BR-6	BR-6	BR-6
	Date:	6/8/2005	6/23/2006	10/9/2006	2/20/2007	5/19/2007	10/27/2007	10/31/2007	11/1/2007	6/4/2009	10/14/2009	10/23/2011	4/22/2012	10/20/2012
	Type 3/4 GW RRS													
1,1,1-Trichloroethane	13600	220	12	12	15	19	5.3	93	74	ND < 2	4.6	ND < 5	ND < 5	ND < 5
1,1,2-Trichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 2	ND < 1	ND < 5	ND < 5	ND < 5
1,1-Dichloroethane	4000	77	570	380	450	530	250	540	270	60	45.4	39	34	28
1,1-Dichloroethene	520	530	2800	2100	2100	2600	1300	3500	2200	370	345	260	210	200
1,2-Dichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 2	ND < 1	ND < 5	ND < 5	ND < 5
1,4-Dichlorobenzene	75	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 2	ND < 1	--	--	--
1,4-Dioxane	70	--	--	--	--	--	--	--	--	ND < 120	ND < 150	3.7	3.2	ND < 2
2-Butanone (MEK)	11800	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 10	ND < 5	ND < 10	ND < 10	ND < 10
Acetone	45600	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 10	ND < 25	ND < 20	ND < 20	ND < 20
Carbon disulfide	4000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 10	--	ND < 5	ND < 5	ND < 5
Carbon tetrachloride	10	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 2	ND < 1	ND < 5	ND < 5	ND < 5
Chloroethane	29200	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 2	ND < 1	ND < 5	ND < 5	ND < 5
Chloroform	80	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 2	ND < 1	ND < 5	ND < 5	ND < 5
cis-1,2-Dichloroethene	200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 2	ND < 1	ND < 5	ND < 5	ND < 5
Ethyl benzene	700	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 2	ND < 1	ND < 5	ND < 5	ND < 5
Freon-11	2000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 2	ND < 1	--	--	--
Methylcyclohexane	Not Regulated	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	--	--	--
Methylene chloride	450	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 2	ND < 2	ND < 5	ND < 5	ND < 5
Styrene	2600	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 2	ND < 1	ND < 5	ND < 5	ND < 5
Tetrachloroethene	98	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 2	ND < 1	ND < 5	ND < 5	ND < 5
Toluene	5200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 2	ND < 1	ND < 5	ND < 5	ND < 5
trans-1,2-Dichloroethene	160	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 2	ND < 1	ND < 5	ND < 5	ND < 5
Trichloroethene	5	ND < 5	6.6	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 2	ND < 1	ND < 5	ND < 5	ND < 5
Vinyl chloride	3	ND < 2	3.7	ND < 2	ND < 2	ND < 2	2.7	ND < 2	ND < 2	ND < 2	ND < 1	ND < 2	ND < 2	ND < 2
m&p-Xylene	10000	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 4	ND < 2	--	--	--
o-Xylene	10000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 2	ND < 1	--	--	--
Xylenes (total)	10000	--	ND < 5	ND < 5	ND < 5	ND < 2	--	ND < 5	ND < 5	ND < 5				

Notes:

- 1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
- 2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
- 3)"--" = Compound was not included in the laboratory analysis.
- 4)Detections in excess of Type 3/4 groundwater RRS are shaded.
- 5) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
- 6) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
- 7) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-1
Summary of Concentrations of VOCs and 1,4-Dioxane in Groundwater
2002-2013
Avery Dennison Site
Flowery Branch, Georgia

VOC (µg/L)	Sample ID:	BR-7	BR-7	BR-7	BR-7	BR-7	BR-7	BR-7	BR-7	BR-7	BR-7	BR-7	BR-7	BR-7
	Date:	6/9/2005	6/21/2006	6/23/2006	10/9/2006	2/19/2007	5/18/2007	10/28/2007	6/8/2009	10/19/2009	5/26/2010	5/26/2010	11/4/2010	11/4/2010
	Type 3/4 GW RRS											Duplicate	Duplicate	
1,1,1-Trichloroethane	13600	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5
1,1,2-Trichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethane	4000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethene	520	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 2	ND < 2
1,2-Dichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5
1,4-Dichlorobenzene	75	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	--	--
1,4-Dioxane	70	--	--	--	--	--	--	--	ND < 150	ND < 150	ND < 250	ND < 250	ND < 250	ND < 250
2-Butanone (MEK)	11800	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 5	ND < 5	ND < 10	ND < 10	ND < 10	ND < 10
Acetone	45600	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 25	ND < 25	ND < 20	ND < 20	ND < 20	ND < 20
Carbon disulfide	4000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5	ND < 5	ND < 5
Carbon tetrachloride	10	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5
Chloroethane	29200	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5
Chloroform	80	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5
cis-1,2-Dichloroethene	200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5
Ethyl benzene	700	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5
Freon-11	2000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	--	--
Methylcyclohexane	Not Regulated	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5	--	--
Methylene chloride	450	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 2	ND < 2	ND < 5	ND < 5	ND < 5	ND < 5
Styrene	2600	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5
Tetrachloroethene	98	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5
Toluene	5200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5
trans-1,2-Dichloroethene	160	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5
Trichloroethene	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5
Vinyl chloride	3	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 1	ND < 1	ND < 2	ND < 2	ND < 2	ND < 2
m&p-Xylene	10000	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 2	ND < 2	--	--	--	--
o-Xylene	10000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	--	--	--	--
Xylenes (total)	10000	--	ND < 5	--	--	ND < 5	ND < 5	ND < 5	ND < 5					

Notes:

- 1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
- 2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
- 3)"--" = Compound was not included in the laboratory analysis.
- 4)Detections in excess of Type 3/4 groundwater RRS are shaded.
- 5) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
- 6) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
- 7) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-1
Summary of Concentrations of VOCs and 1,4-Dioxane in Groundwater
2002-2013
Avery Dennison Site
Flowery Branch, Georgia

VOC (µg/L)	Sample ID:	BR-7	BR-7	BR-7	BR-7	BR-8D	BR-8D	BR-8D	BR-8D	BR-8D	BR-8D	BR-8D	BR-8D	BR-8D	
	Date:	2/6/2011	10/22/2011	4/26/2012	10/21/2012	6/15/2005	6/22/2006	10/7/2006	2/19/2007	5/17/2007	10/26/2007	6/4/2009	10/19/2009	5/26/2010	
	Type 3/4 GW RRS														
1,1,1-Trichloroethane	13600	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5
1,1,2-Trichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5
1,1-Dichloroethane	4000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5
1,1-Dichloroethene	520	ND < 2	ND < 2	ND < 2	ND < 2	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5					
1,2-Dichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5
1,4-Dichlorobenzene	75	--	--	--	--	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5					
1,4-Dioxane	70	ND < 250	ND < 2	ND < 2	ND < 2	--	--	--	--	--	--	--	ND < 60	ND < 150	ND < 250
2-Butanone (MEK)	11800	ND < 10	ND < 10	ND < 10	ND < 10	ND < 50	ND < 50	ND < 5	ND < 5	ND < 10					
Acetone	45600	ND < 20	ND < 20	ND < 20	ND < 20	ND < 50	ND < 50	ND < 5	ND < 25	ND < 20					
Carbon disulfide	4000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	ND < 5
Carbon tetrachloride	10	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5
Chloroethane	29200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 10	ND < 10	ND < 1	ND < 1	ND < 5					
Chloroform	80	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5
cis-1,2-Dichloroethene	200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5
Ethyl benzene	700	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5
Freon-11	2000	--	--	--	--	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5					
Methylcyclohexane	Not Regulated	--	--	--	--	ND < 5	ND < 5	--	--	ND < 5					
Methylene chloride	450	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 2	ND < 5
Styrene	2600	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5
Tetrachloroethene	98	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5
Toluene	5200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5
trans-1,2-Dichloroethene	160	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5
Trichloroethene	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5
Vinyl chloride	3	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 1	ND < 1	ND < 2
m&p-Xylene	10000	--	--	--	--	ND < 10	ND < 10	ND < 2	ND < 2	--					
o-Xylene	10000	--	--	--	--	ND < 5	ND < 5	ND < 1	ND < 1	--					
Xylenes (total)	10000	ND < 5	ND < 5	ND < 5	ND < 5	--	ND < 5	ND < 5	ND < 1	--	ND < 5				

Notes:

- 1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
- 2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
- 3)"--" = Compound was not included in the laboratory analysis.
- 4)Detections in excess of Type 3/4 groundwater RRS are shaded.
- 5) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
- 6) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
- 7) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-1
Summary of Concentrations of VOCs and 1,4-Dioxane in Groundwater
2002-2013
Avery Dennison Site
Flowery Branch, Georgia

VOC (µg/L)	Sample ID:	BR-8D	BR-8D	BR-8D	BR-8D	BR-8D	BR-8D	BR-8S	BR-8S	BR-8S	BR-8S	BR-8S	BR-8S	BR-8S	
	Date:	11/4/2010	2/6/2011	10/23/2011	4/24/2012	10/19/2012	3/25/2013	5/23/2005	6/22/2006	10/7/2006	2/19/2007	5/17/2007	10/26/2007	6/3/2009	
	Type 3/4 GW RRS														
1,1,1-Trichloroethane	13600	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1
1,1,2-Trichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1
1,1-Dichloroethane	4000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1
1,1-Dichloroethene	520	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 5	ND < 5	ND < 1					
1,2-Dichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1
1,4-Dichlorobenzene	75	--	--	--	--	--	--	ND < 5	ND < 5	ND < 1					
1,4-Dioxane	70	ND < 250	ND < 250	ND < 2	ND < 2	ND < 2	ND < 2	--	--	--	--	--	--	--	ND < 60
2-Butanone (MEK)	11800	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 50	ND < 50	ND < 5					
Acetone	45600	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20	ND < 50	ND < 50	ND < 5					
Carbon disulfide	4000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Carbon tetrachloride	10	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1
Chloroethane	29200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 10	ND < 10	ND < 1					
Chloroform	80	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1
cis-1,2-Dichloroethene	200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1
Ethyl benzene	700	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1
Freon-11	2000	--	--	--	--	--	--	ND < 5	ND < 5	ND < 1					
Methylcyclohexane	Not Regulated	--	--	--	--	--	--	ND < 5	ND < 5	--					
Methylene chloride	450	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1
Styrene	2600	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1
Tetrachloroethene	98	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1
Toluene	5200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1
trans-1,2-Dichloroethene	160	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1
Trichloroethene	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1
Vinyl chloride	3	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 1
m&p-Xylene	10000	--	--	--	--	--	--	ND < 10	ND < 10	ND < 2					
o-Xylene	10000	--	--	--	--	--	--	ND < 5	ND < 5	ND < 1					
Xylenes (total)	10000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	ND < 5	ND < 5	ND < 1				

Notes:

- 1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
- 2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
- 3)"--" = Compound was not included in the laboratory analysis.
- 4)Detections in excess of Type 3/4 groundwater RRS are shaded.
- 5) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
- 6) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
- 7) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-1
Summary of Concentrations of VOCs and 1,4-Dioxane in Groundwater
2002-2013
Avery Dennison Site
Flowery Branch, Georgia

VOC (µg/L)	Sample ID:	BR-8S	BR-8S	BR-8S	BR-8S	BR-8S	BR-8S	BR-8S	BR-8S	BR-8S	BR-9D	BR-9D	BR-9D	BR-9D	BR-9D
	Date:	10/19/2009	5/25/2010	11/3/2010	2/7/2011	10/23/2011	4/24/2012	10/19/2012	3/25/2013	6/15/2005	6/21/2006	10/8/2006	10/8/2006	10/8/2006	2/19/2007
	Type 3/4 GW RRS														Duplicate
1,1,1-Trichloroethane	13600	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1,2-Trichloroethane	5	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethane	4000	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethene	520	ND < 1	ND < 5	ND < 5	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 5				
1,2-Dichloroethane	5	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,4-Dichlorobenzene	75	ND < 1	ND < 5	--	--	--	--	--	--	--	ND < 5				
1,4-Dioxane	70	ND < 150	ND < 250	ND < 250	ND < 250	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	--	--	--	--	--
2-Butanone (MEK)	11800	ND < 5	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 50				
Acetone	45600	ND < 25	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20	59	ND < 50	ND < 50	ND < 50	ND < 50
Carbon disulfide	4000	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Carbon tetrachloride	10	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Chloroethane	29200	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 10				
Chloroform	80	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
cis-1,2-Dichloroethene	200	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Ethyl benzene	700	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Freon-11	2000	ND < 1	ND < 5	--	--	--	--	--	--	--	ND < 5				
Methylcyclohexane	Not Regulated	--	ND < 5	--	--	--	--	--	--	--	ND < 5				
Methylene chloride	450	ND < 2	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Styrene	2600	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Tetrachloroethene	98	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Toluene	5200	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
trans-1,2-Dichloroethene	160	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Trichloroethene	5	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Vinyl chloride	3	ND < 1	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2
m&p-Xylene	10000	ND < 2	--	--	--	--	--	--	--	--	ND < 10				
o-Xylene	10000	ND < 1	--	--	--	--	--	--	--	--	ND < 5				
Xylenes (total)	10000	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	ND < 5	ND < 5	ND < 5	ND < 5

Notes:

- 1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
- 2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
- 3)"--" = Compound was not included in the laboratory analysis.
- 4)Detections in excess of Type 3/4 groundwater RRS are shaded.
- 5) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
- 6) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
- 7) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-1
Summary of Concentrations of VOCs and 1,4-Dioxane in Groundwater
2002-2013
Avery Dennison Site
Flowery Branch, Georgia

VOC (µg/L)	Sample ID:	BR-9D	BR-9D	BR-9D	BR-9D	BR-9D	BR-9S	BR-9S						
	Date:	5/17/2007	5/17/2007	4/25/2012	10/22/2012	3/23/2013	5/23/2005	6/21/2006	10/6/2006	2/19/2007	5/17/2007	4/25/2012	10/22/2012	3/23/2013
	Type 3/4 GW RRS	Duplicate												
1,1,1-Trichloroethane	13600	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1,2-Trichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethane	4000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethene	520	ND < 5	ND < 5	ND < 2	ND < 2	ND < 2	ND < 5	ND < 2	ND < 2	ND < 2				
1,2-Dichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,4-Dichlorobenzene	75	ND < 5	ND < 5	--	--	--	ND < 5	--	--	--				
1,4-Dioxane	70	--	--	ND < 2	ND < 2	ND < 40	--	--	--	--	--	ND < 2	ND < 2	ND < 2
2-Butanone (MEK)	11800	ND < 50	ND < 50	ND < 10	ND < 10	ND < 10	ND < 50	ND < 10	ND < 10					
Acetone	45600	ND < 50	ND < 50	ND < 20	ND < 20	ND < 20	ND < 50	ND < 20	ND < 20	ND < 20				
Carbon disulfide	4000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Carbon tetrachloride	10	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Chloroethane	29200	ND < 10	ND < 10	ND < 5	ND < 5	ND < 5	ND < 10	ND < 5	ND < 5	ND < 5				
Chloroform	80	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
cis-1,2-Dichloroethene	200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Ethyl benzene	700	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Freon-11	2000	ND < 5	ND < 5	--	--	--	ND < 5	--	--	--				
Methylcyclohexane	Not Regulated	ND < 5	ND < 5	--	--	--	ND < 5	--	--	--				
Methylene chloride	450	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Styrene	2600	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Tetrachloroethene	98	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Toluene	5200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
trans-1,2-Dichloroethene	160	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Trichloroethene	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Vinyl chloride	3	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2
m&p-Xylene	10000	ND < 10	ND < 10	--	--	--	ND < 10	--	--	--				
o-Xylene	10000	ND < 5	ND < 5	--	--	--	ND < 5	--	--	--				
Xylenes (total)	10000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	ND < 5	ND < 5					

- Notes:
- 1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
 - 2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
 - 3)"--" = Compound was not included in the laboratory analysis.
 - 4)Detections in excess of Type 3/4 groundwater RRS are shaded.
 - 5) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
 - 6) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
 - 7) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-1
Summary of Concentrations of VOCs and 1,4-Dioxane in Groundwater
2002-2013
Avery Dennison Site
Flowery Branch, Georgia

VOC (µg/L)	Sample ID:	BR-10D	BR-10D	BR-10D	BR-10D	BR-10D	BR-10D	BR-10S	BR-10S	BR-10S	BR-10S	BR-10S	BR-10S	BR-11
	Date:	6/15/2005	6/20/2006	10/6/2006	2/18/2007	5/16/2007	3/23/2013	5/26/2005	6/18/2006	10/4/2006	2/17/2007	5/16/2007	3/23/2013	5/25/2005
	Type 3/4 GW RRS													
1,1,1-Trichloroethane	13600	ND < 5												
1,1,2-Trichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethane	4000	ND < 5												
1,1-Dichloroethene	520	ND < 5	ND < 2	ND < 5	ND < 2	ND < 5								
1,2-Dichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,4-Dichlorobenzene	75	ND < 5	--	ND < 5	--	ND < 5								
1,4-Dioxane	70	--	--	--	--	--	ND < 2	--	--	--	--	--	ND < 2	--
2-Butanone (MEK)	11800	ND < 50	ND < 10	ND < 50	ND < 10	ND < 50								
Acetone	45600	ND < 50	ND < 20	190	ND < 50	ND < 50	ND < 50	ND < 50	ND < 20	ND < 50				
Carbon disulfide	4000	ND < 5												
Carbon tetrachloride	10	ND < 5												
Chloroethane	29200	ND < 10	ND < 5	ND < 10	ND < 5	ND < 10								
Chloroform	80	ND < 5												
cis-1,2-Dichloroethene	200	ND < 5												
Ethyl benzene	700	ND < 5												
Freon-11	2000	ND < 5	--	ND < 5	--	ND < 5								
Methylcyclohexane	Not Regulated	ND < 5	--	ND < 5	--	ND < 5								
Methylene chloride	450	ND < 5												
Styrene	2600	ND < 5												
Tetrachloroethene	98	ND < 5												
Toluene	5200	ND < 5												
trans-1,2-Dichloroethene	160	ND < 5												
Trichloroethene	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Vinyl chloride	3	ND < 2												
m&p-Xylene	10000	ND < 10	--	ND < 10	--	ND < 10								
o-Xylene	10000	ND < 5	--	ND < 5	--	ND < 5								
Xylenes (total)	10000	--	ND < 5	--	ND < 5	--								

Notes:

- 1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
- 2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
- 3)"--" = Compound was not included in the laboratory analysis.
- 4)Detections in excess of Type 3/4 groundwater RRS are shaded.
- 5) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
- 6) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
- 7) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-1
Summary of Concentrations of VOCs and 1,4-Dioxane in Groundwater
2002-2013
Avery Dennison Site
Flowery Branch, Georgia

VOC (µg/L)	Sample ID:	BR-11	BR-11	BR-11	BR-11	BR-11	BR-11	BR-12	BR-12	BR-12	BR-12	BR-12	BR-13	BR-13
	Date:	5/25/2005	6/19/2006	10/5/2006	2/18/2007	5/16/2007	3/24/2013	6/8/2005	6/19/2006	10/6/2006	2/18/2007	5/16/2007	9/19/2007	10/25/2007
	Type 3/4 GW RRS	Duplicate												
1,1,1-Trichloroethane	13600	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5					
1,1,2-Trichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethane	4000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5					
1,1-Dichloroethene	520	ND < 5	ND < 2	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5				
1,2-Dichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,4-Dichlorobenzene	75	ND < 5	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5				
1,4-Dioxane	70	--	--	--	--	--	ND < 2	--	--	--	--	--	--	--
2-Butanone (MEK)	11800	ND < 50	ND < 10	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50				
Acetone	45600	ND < 50	ND < 20	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50				
Carbon disulfide	4000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5					
Carbon tetrachloride	10	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5					
Chloroethane	29200	ND < 10	ND < 5	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10				
Chloroform	80	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5					
cis-1,2-Dichloroethene	200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5					
Ethyl benzene	700	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5					
Freon-11	2000	ND < 5	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5				
Methylcyclohexane	Not Regulated	ND < 5	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5				
Methylene chloride	450	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5					
Styrene	2600	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5					
Tetrachloroethene	98	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5					
Toluene	5200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5					
trans-1,2-Dichloroethene	160	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5					
Trichloroethene	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Vinyl chloride	3	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2					
m&p-Xylene	10000	ND < 10	--	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10				
o-Xylene	10000	ND < 5	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5				
Xylenes (total)	10000	--	ND < 5	--	ND < 5									

Notes:

- 1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
- 2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
- 3)"--" = Compound was not included in the laboratory analysis.
- 4)Detections in excess of Type 3/4 groundwater RRS are shaded.
- 5) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
- 6) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
- 7) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-1
Summary of Concentrations of VOCs and 1,4-Dioxane in Groundwater
2002-2013
Avery Dennison Site
Flowery Branch, Georgia

VOC (µg/L)	Sample ID:	BR-14	BR-14	BR-15	BR-15	BR-15	BR-15	BR-16	BR-16	BR-16	BR-16	BR-17	BR-17	BR-17
	Date:	9/13/2007	10/25/2007	10/27/2007	10/24/2011	4/20/2012	10/20/2012	10/30/2007	10/23/2011	4/21/2012	10/20/2012	10/29/2007	6/6/2009	10/17/2009
	Type 3/4 GW RRS													
1,1,1-Trichloroethane	13600	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	26	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
1,1,2-Trichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
1,1-Dichloroethane	4000	ND < 5	ND < 5	6.2	ND < 5	ND < 5	ND < 5	ND < 5	9	ND < 5	ND < 5	ND < 5	1	ND < 1
1,1-Dichloroethene	520	ND < 5	ND < 5	ND < 5	ND < 2	ND < 2	ND < 2	36	11	ND < 2	ND < 2	ND < 5	1.2	ND < 1
1,2-Dichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
1,4-Dichlorobenzene	75	ND < 5	ND < 5	ND < 5	--	--	--	ND < 5	--	--	--	ND < 5	ND < 1	ND < 1
1,4-Dioxane	70	--	--	--	ND < 2	ND < 2	ND < 2	--	ND < 2	ND < 2	ND < 2	--	ND < 150	ND < 150
2-Butanone (MEK)	11800	ND < 50	ND < 50	ND < 50	ND < 10	ND < 10	ND < 10	ND < 50	ND < 10	ND < 10	ND < 10	ND < 50	ND < 5	ND < 5
Acetone	45600	ND < 50	ND < 50	ND < 50	ND < 20	ND < 20	ND < 20	ND < 50	ND < 20	ND < 20	ND < 20	ND < 50	ND < 25	ND < 25
Carbon disulfide	4000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--
Carbon tetrachloride	10	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
Chloroethane	29200	ND < 10	ND < 10	ND < 10	ND < 5	ND < 5	ND < 5	ND < 10	ND < 5	ND < 5	ND < 5	ND < 10	ND < 1	ND < 1
Chloroform	80	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
cis-1,2-Dichloroethene	200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
Ethyl benzene	700	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
Freon-11	2000	ND < 5	ND < 5	ND < 5	--	--	--	ND < 5	--	--	--	ND < 5	ND < 1	ND < 1
Methylcyclohexane	Not Regulated	ND < 5	ND < 5	ND < 5	--	--	--	ND < 5	--	--	--	ND < 5	--	--
Methylene chloride	450	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 2	ND < 2
Styrene	2600	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
Tetrachloroethene	98	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
Toluene	5200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
trans-1,2-Dichloroethene	160	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
Trichloroethene	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
Vinyl chloride	3	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 1	ND < 1
m&p-Xylene	10000	ND < 10	ND < 10	ND < 10	--	--	--	ND < 10	--	--	--	ND < 10	ND < 2	ND < 2
o-Xylene	10000	ND < 5	ND < 5	ND < 5	--	--	--	ND < 5	--	--	--	ND < 5	ND < 1	ND < 1
Xylenes (total)	10000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--

Notes:

- 1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
- 2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
- 3)"--" = Compound was not included in the laboratory analysis.
- 4)Detections in excess of Type 3/4 groundwater RRS are shaded.
- 5) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
- 6) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
- 7) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-1
Summary of Concentrations of VOCs and 1,4-Dioxane in Groundwater
2002-2013
Avery Dennison Site
Flowery Branch, Georgia

VOC (µg/L)	Sample ID:	BR-17	BR-17	BR-17	BR-18	BR-18	BR-18	BR-18	BR-18	BR-18	BR-19	BR-19	BR-19	BR-19
	Date:	10/26/2011	4/23/2012	10/18/2012	11/7/2007	6/7/2009	10/17/2009	10/19/2011	4/25/2012	10/20/2012	10/29/2007	6/6/2009	10/18/2009	10/21/2011
	Type 3/4 GW RRS													
1,1,1-Trichloroethane	13600	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5
1,1,2-Trichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5
1,1-Dichloroethane	4000	ND < 5	ND < 5	ND < 5	51	39	33.8	ND < 5	12	11	ND < 5	ND < 1	2.1	ND < 5
1,1-Dichloroethene	520	ND < 2	ND < 2	ND < 2	33	21.4	17.6	ND < 2	7	7	ND < 5	ND < 1	10.7	ND < 2
1,2-Dichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5
1,4-Dichlorobenzene	75	--	--	--	ND < 5	ND < 1	ND < 1	--	--	--	ND < 5	ND < 1	ND < 1	--
1,4-Dioxane	70	ND < 2	ND < 2	ND < 2	--	ND < 150	ND < 150	ND < 2	2	ND < 2	--	ND < 150	ND < 150	ND < 2
2-Butanone (MEK)	11800	ND < 10	ND < 10	ND < 10	ND < 50	ND < 5	ND < 5	ND < 10	ND < 10	ND < 10	ND < 50	ND < 5	ND < 5	ND < 10
Acetone	45600	ND < 20	ND < 20	ND < 20	ND < 50	ND < 25	ND < 25	70	ND < 20	ND < 20	ND < 50	ND < 25	ND < 25	ND < 20
Carbon disulfide	4000	ND < 5	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5	ND < 5	ND < 5	--	--	ND < 5
Carbon tetrachloride	10	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5
Chloroethane	29200	ND < 5	ND < 5	ND < 5	ND < 10	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 10	ND < 1	ND < 1	ND < 5
Chloroform	80	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5
cis-1,2-Dichloroethene	200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5
Ethyl benzene	700	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5
Freon-11	2000	--	--	--	ND < 5	ND < 1	ND < 1	--	--	--	ND < 5	ND < 1	ND < 1	--
Methylcyclohexane	Not Regulated	--	--	--	ND < 5	--	--	--	--	--	ND < 5	--	--	--
Methylene chloride	450	ND < 5	ND < 5	ND < 5	ND < 5	ND < 2	ND < 2	ND < 5	ND < 5	ND < 5	ND < 5	ND < 2	ND < 2	ND < 5
Styrene	2600	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5
Tetrachloroethene	98	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5
Toluene	5200	ND < 5	ND < 5	ND < 5	ND < 5	1.4	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5
trans-1,2-Dichloroethene	160	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5
Trichloroethene	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5
Vinyl chloride	3	ND < 2	ND < 2	ND < 2	ND < 2	ND < 1	ND < 1	ND < 2	ND < 2	ND < 2	ND < 2	ND < 1	ND < 1	ND < 2
m&p-Xylene	10000	--	--	--	ND < 10	ND < 2	ND < 2	--	--	--	ND < 10	ND < 2	ND < 2	--
o-Xylene	10000	--	--	--	ND < 5	ND < 1	ND < 1	--	--	--	ND < 5	ND < 1	ND < 1	--
Xylenes (total)	10000	ND < 5	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5	ND < 5	ND < 5	--	--	ND < 5

Notes:

- 1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
- 2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
- 3)"--" = Compound was not included in the laboratory analysis.
- 4)Detections in excess of Type 3/4 groundwater RRS are shaded.
- 5) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
- 6) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
- 7) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-1
Summary of Concentrations of VOCs and 1,4-Dioxane in Groundwater
2002-2013
Avery Dennison Site
Flowery Branch, Georgia

VOC (µg/L)	Sample ID:	BR-19	BR-19	BR-20	BR-20	BR-20	BR-20	BR-20	BR-20	BR-20	BR-20D	BR-20D	BR-20D	BR-20D
	Date:	4/24/2012	10/22/2012	11/3/2007	6/8/2009	10/15/2009	2/7/2011	10/19/2011	4/22/2012	10/18/2012	6/9/2009	10/15/2009	10/19/2011	4/21/2012
	Type 3/4 GW RRS													
1,1,1-Trichloroethane	13600	ND < 5	ND < 5	160	84.5	81.7	41	26	7	20	14	7.5	ND < 5	ND < 5
1,1,2-Trichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5
1,1-Dichloroethane	4000	20	ND < 5	440	150	181	160	110	220	110	24.1	36.2	25	26
1,1-Dichloroethene	520	42	7	2800	1080	1400	920	710	950	690	92.1	101	36	22
1,2-Dichloroethane	5	ND < 5	ND < 5	ND < 5	1.9	2.3	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5
1,4-Dichlorobenzene	75	--	--	ND < 5	ND < 1	ND < 1	--	--	--	--	ND < 1	ND < 1	--	--
1,4-Dioxane	70	ND < 2	ND < 2	--	ND < 150	ND < 150	ND < 250	11	22	8.9	ND < 150	ND < 150	2.1	ND < 2
2-Butanone (MEK)	11800	ND < 10	ND < 10	ND < 50	ND < 5	ND < 5	ND < 10	ND < 10	ND < 10	ND < 10	ND < 5	77.2	ND < 10	ND < 10
Acetone	45600	ND < 20	ND < 20	ND < 50	ND < 25	ND < 25	ND < 20	ND < 20	ND < 20	ND < 20	ND < 25	ND < 25	ND < 20	ND < 20
Carbon disulfide	4000	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5
Carbon tetrachloride	10	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5
Chloroethane	29200	ND < 5	ND < 5	ND < 10	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5
Chloroform	80	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5
cis-1,2-Dichloroethene	200	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5
Ethyl benzene	700	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5
Freon-11	2000	--	--	ND < 5	ND < 1	ND < 1	--	--	--	--	ND < 1	ND < 1	--	--
Methylcyclohexane	Not Regulated	--	--	ND < 5	--	--	--	--	--	--	--	--	--	--
Methylene chloride	450	ND < 5	ND < 5	ND < 5	2.3	ND < 2	ND < 5	ND < 5	ND < 5	ND < 5	ND < 2	ND < 2	ND < 5	ND < 5
Styrene	2600	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5
Tetrachloroethene	98	ND < 5	ND < 5	ND < 5	ND < 1	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5
Toluene	5200	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5
trans-1,2-Dichloroethene	160	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5
Trichloroethene	5	ND < 5	ND < 5	5.2	2.7	3.1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5
Vinyl chloride	3	ND < 2	ND < 2	5.6	1.7	ND < 1	ND < 2	ND < 2	3	ND < 2	ND < 1	ND < 1	ND < 2	ND < 2
m&p-Xylene	10000	--	--	ND < 10	ND < 2	ND < 2	--	--	--	--	ND < 2	ND < 2	--	--
o-Xylene	10000	--	--	ND < 5	ND < 1	ND < 1	--	--	--	--	ND < 1	ND < 1	--	--
Xylenes (total)	10000	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5

Notes:

- 1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
- 2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
- 3) "--" = Compound was not included in the laboratory analysis.
- 4) Detections in excess of Type 3/4 groundwater RRS are shaded.
- 5) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
- 6) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
- 7) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-1
Summary of Concentrations of VOCs and 1,4-Dioxane in Groundwater
2002-2013
Avery Dennison Site
Flowery Branch, Georgia

VOC (µg/L)	Sample ID:	BR-20D	BR-21	BR-21	BR-21	BR-21	BR-21	BR-21	BR-21	BR-21	BR-21D	BR-21D	BR-21D	BR-21D
	Date:	10/22/2012	11/3/2007	6/4/2009	10/14/2009	2/7/2011	10/18/2011	4/25/2012	10/21/2012	10/21/2012	6/9/2009	10/17/2009	10/18/2011	4/23/2012
	Type 3/4 GW RRS									Duplicate				
1,1,1-Trichloroethane	13600	ND < 5	570	73	101	16	190	94	250	270	ND < 1	ND < 2	ND < 5	ND < 5
1,1,2-Trichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 2	ND < 5	ND < 5
1,1-Dichloroethane	4000	15	130	88	69.4	61	66	110	70	74	81.1	73.6	37	39
1,1-Dichloroethene	520	11	1700	570	521	330	680	560	770	760	254	254	76	52
1,2-Dichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 2	ND < 5	ND < 5
1,4-Dichlorobenzene	75	--	ND < 5	ND < 5	ND < 1	--	--	--	--	--	ND < 1	ND < 2	--	--
1,4-Dioxane	70	ND < 2	--	ND < 300	ND < 150	ND < 250	11	11	9.4	8.9	ND < 150	ND < 300	ND < 2	ND < 2
2-Butanone (MEK)	11800	ND < 10	ND < 50	ND < 25	ND < 5	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 5	383	280	91
Acetone	45600	ND < 20	ND < 50	ND < 25	ND < 25	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20	ND < 25	ND < 50	ND < 20	ND < 20
Carbon disulfide	4000	ND < 5	ND < 5	ND < 25	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5
Carbon tetrachloride	10	ND < 5	ND < 5	ND < 5	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 2	ND < 5	ND < 5
Chloroethane	29200	ND < 5	ND < 10	ND < 5	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 2	ND < 5	ND < 5
Chloroform	80	ND < 5	ND < 5	ND < 5	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 2	ND < 5	ND < 5
cis-1,2-Dichloroethene	200	ND < 5	ND < 5	ND < 5	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 2	ND < 5	ND < 5
Ethyl benzene	700	ND < 5	ND < 5	ND < 5	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 2	ND < 5	ND < 5
Freon-11	2000	--	ND < 5	ND < 5	ND < 1	--	--	--	--	--	ND < 1	ND < 2	--	--
Methylcyclohexane	Not Regulated	--	ND < 5	--	--	--	--	--	--	--	--	--	--	--
Methylene chloride	450	ND < 5	ND < 5	ND < 5	ND < 2	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 2	ND < 4	ND < 5	ND < 5
Styrene	2600	ND < 5	ND < 5	ND < 5	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 2	ND < 5	ND < 5
Tetrachloroethene	98	ND < 5	ND < 5	ND < 5	4.5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 2	ND < 5	ND < 5
Toluene	5200	ND < 5	ND < 5	ND < 5	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 2	ND < 5	ND < 5
trans-1,2-Dichloroethene	160	ND < 5	ND < 5	ND < 5	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 2	ND < 5	ND < 5
Trichloroethene	5	ND < 5	ND < 5	ND < 5	1.4	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 2	ND < 5	ND < 5
Vinyl chloride	3	ND < 2	ND < 2	ND < 5	ND < 1	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 1	ND < 2	ND < 2	ND < 2
m&p-Xylene	10000	--	ND < 10	ND < 10	ND < 2	--	--	--	--	--	ND < 2	ND < 4	--	--
o-Xylene	10000	--	ND < 5	ND < 5	ND < 1	--	--	--	--	--	ND < 1	ND < 2	--	--
Xylenes (total)	10000	ND < 5	ND < 5	ND < 5	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5

Notes:

- 1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
- 2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
- 3)"--" = Compound was not included in the laboratory analysis.
- 4)Detections in excess of Type 3/4 groundwater RRS are shaded.
- 5) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
- 6) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
- 7) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-1
Summary of Concentrations of VOCs and 1,4-Dioxane in Groundwater
2002-2013
Avery Dennison Site
Flowery Branch, Georgia

VOC (µg/L)	Sample ID:	BR-21D	BR-22D	BR-22D	BR-22D	BR-22D	BR-22D	BR-22D	BR-22D	BR-22D	BR-22S	BR-22S	BR-22S	BR-22S
	Date:	10/21/2012	6/9/2009	10/18/2009	5/26/2010	11/4/2010	2/7/2011	10/21/2011	4/24/2012	10/21/2012	6/9/2009	10/18/2009	5/26/2010	11/4/2010
	Type 3/4 GW RRS													
1,1,1-Trichloroethane	13600	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5
1,1,2-Trichloroethane	5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5
1,1-Dichloroethane	4000	36	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5
1,1-Dichloroethene	520	48	ND < 1	ND < 1	ND < 5	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 1	ND < 1	ND < 5	ND < 2
1,2-Dichloroethane	5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5
1,4-Dichlorobenzene	75	--	ND < 1	ND < 1	ND < 5	--	--	--	--	--	ND < 1	ND < 1	ND < 5	--
1,4-Dioxane	70	ND < 2	ND < 150	ND < 150	ND < 250	ND < 250	ND < 250	ND < 2	ND < 2	ND < 2	ND < 150	ND < 150	ND < 250	ND < 250
2-Butanone (MEK)	11800	52	ND < 5	ND < 5	ND < 10	ND < 10	ND < 10	16	12	ND < 10	ND < 5	ND < 5	ND < 10	ND < 10
Acetone	45600	ND < 20	ND < 25	ND < 25	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20	ND < 25	ND < 25	ND < 20	ND < 20
Carbon disulfide	4000	ND < 5	--	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5
Carbon tetrachloride	10	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5
Chloroethane	29200	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5
Chloroform	80	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5
cis-1,2-Dichloroethene	200	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5
Ethyl benzene	700	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5
Freon-11	2000	--	ND < 1	ND < 1	ND < 5	--	--	--	--	--	ND < 1	ND < 1	ND < 5	--
Methylcyclohexane	Not Regulated	--	--	--	ND < 5	--	--	--	--	--	--	--	ND < 5	--
Methylene chloride	450	ND < 5	ND < 2	ND < 2	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 2	ND < 2	ND < 5	ND < 5
Styrene	2600	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5
Tetrachloroethene	98	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5
Toluene	5200	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5
trans-1,2-Dichloroethene	160	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5
Trichloroethene	5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5
Vinyl chloride	3	ND < 2	ND < 1	ND < 1	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 1	ND < 1	ND < 2	ND < 2
m&p-Xylene	10000	--	ND < 2	ND < 2	--	--	--	--	--	--	ND < 2	ND < 2	--	--
o-Xylene	10000	--	ND < 1	ND < 1	--	--	--	--	--	--	ND < 1	ND < 1	--	--
Xylenes (total)	10000	ND < 5	--	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5

- Notes:
- 1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
 - 2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
 - 3)"--" = Compound was not included in the laboratory analysis.
 - 4)Detections in excess of Type 3/4 groundwater RRS are shaded.
 - 5) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
 - 6) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
 - 7) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-1
Summary of Concentrations of VOCs and 1,4-Dioxane in Groundwater
2002-2013
Avery Dennison Site
Flowery Branch, Georgia

VOC (µg/L)	Sample ID:	BR-22S	BR-22S	BR-22S	BR-22S	BR-23	BR-23	BR-24	BR-24	BR-24	BR-24	BR-24	BR-24	BR-24
	Date:	2/7/2011	10/21/2011	4/23/2012	10/21/2012	5/31/2009	6/1/2009	6/10/2009	10/16/2009	5/26/2010	11/4/2010	2/8/2011	10/25/2011	4/18/2012
	Type 3/4 GW RRS													
1,1,1-Trichloroethane	13600	ND < 5	ND < 5	ND < 5	ND < 5	36	42	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1,2-Trichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 2	ND < 2	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethane	4000	ND < 5	ND < 5	ND < 5	ND < 5	50	47	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethene	520	ND < 2	ND < 2	ND < 2	ND < 2	210	180	ND < 1	ND < 1	ND < 5	ND < 2	ND < 2	ND < 2	2
1,2-Dichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 2	ND < 2	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,4-Dichlorobenzene	75	--	--	--	--	ND < 2	ND < 2	ND < 1	ND < 1	ND < 5	--	--	--	--
1,4-Dioxane	70	ND < 250	ND < 2	ND < 2	ND < 2	ND < 120	ND < 120	ND < 150	ND < 150	ND < 250	ND < 250	ND < 250	ND < 2	2
2-Butanone (MEK)	11800	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 5	ND < 5	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10
Acetone	45600	ND < 20	ND < 20	ND < 20	ND < 20	ND < 10	ND < 10	ND < 25	ND < 25	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20
Carbon disulfide	4000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 10	ND < 10	--	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Carbon tetrachloride	10	ND < 5	ND < 5	ND < 5	ND < 5	ND < 2	ND < 2	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Chloroethane	29200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 2	ND < 2	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Chloroform	80	ND < 5	ND < 5	ND < 5	ND < 5	ND < 2	ND < 2	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
cis-1,2-Dichloroethene	200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 2	ND < 2	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Ethyl benzene	700	ND < 5	ND < 5	ND < 5	ND < 5	ND < 2	ND < 2	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Freon-11	2000	--	--	--	--	ND < 2	ND < 2	ND < 1	ND < 1	ND < 5	--	--	--	--
Methylcyclohexane	Not Regulated	--	--	--	--	--	--	--	--	ND < 5	--	--	--	--
Methylene chloride	450	ND < 5	ND < 5	ND < 5	ND < 5	ND < 2	ND < 2	ND < 2	ND < 2	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Styrene	2600	ND < 5	ND < 5	ND < 5	ND < 5	ND < 2	ND < 2	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Tetrachloroethene	98	ND < 5	ND < 5	ND < 5	ND < 5	ND < 2	ND < 2	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Toluene	5200	ND < 5	ND < 5	ND < 5	ND < 5	6.6	12	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
trans-1,2-Dichloroethene	160	ND < 5	ND < 5	ND < 5	ND < 5	ND < 2	ND < 2	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Trichloroethene	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 2	ND < 2	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Vinyl chloride	3	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 1	ND < 1	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2
m&p-Xylene	10000	--	--	--	--	ND < 4	ND < 4	ND < 2	ND < 2	--	--	--	--	--
o-Xylene	10000	--	--	--	--	ND < 2	ND < 2	ND < 1	ND < 1	--	--	--	--	--
Xylenes (total)	10000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 2	ND < 2	--	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5

Notes:

- 1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
- 2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
- 3)"--" = Compound was not included in the laboratory analysis.
- 4)Detections in excess of Type 3/4 groundwater RRS are shaded.
- 5) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
- 6) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
- 7) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-1
Summary of Concentrations of VOCs and 1,4-Dioxane in Groundwater
2002-2013
Avery Dennison Site
Flowery Branch, Georgia

VOC (µg/L)	Sample ID:	BR-24	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1
	Date:	10/18/2012	2/2/2002	4/23/2003	8/4/2003	11/4/2004	5/18/2005	6/18/2006	10/5/2006	2/18/2007	5/16/2007	6/5/2009	10/18/2009	5/27/2010
	Type 3/4 GW RRS													
1,1,1-Trichloroethane	13600	ND < 5	ND < 1	1.7	14	ND < 5	ND < 1	ND < 1	ND < 5					
1,1,2-Trichloroethane	5	ND < 5	--	--	--	ND < 5	ND < 1	ND < 1	ND < 5					
1,1-Dichloroethane	4000	ND < 5	ND < 1	5.7	44	ND < 5	ND < 1	ND < 1	ND < 5					
1,1-Dichloroethene	520	ND < 2	ND < 1	ND < 1	ND < 1	ND < 5	ND < 1	ND < 1	ND < 5					
1,2-Dichloroethane	5	ND < 5	ND < 1	ND < 1	ND < 1	ND < 5	ND < 1	ND < 1	ND < 5					
1,4-Dichlorobenzene	75	--	--	--	--	ND < 5	ND < 1	ND < 1	ND < 5					
1,4-Dioxane	70	ND < 2	--	--	--	--	--	--	--	--	--	ND < 150	ND < 150	ND < 250
2-Butanone (MEK)	11800	ND < 10	--	--	--	ND < 10	ND < 50	ND < 5	ND < 5	ND < 10				
Acetone	45600	ND < 20	ND < 25	ND < 25	ND < 25	ND < 20	ND < 50	ND < 25	ND < 25	ND < 20				
Carbon disulfide	4000	ND < 5	11	ND < 1	ND < 1	ND < 5	--	--	ND < 5					
Carbon tetrachloride	10	ND < 5	--	--	--	ND < 5	ND < 1	ND < 1	ND < 5					
Chloroethane	29200	ND < 5	ND < 1	ND < 1	ND < 1	ND < 10	ND < 1	ND < 1	ND < 5					
Chloroform	80	ND < 5	--	--	--	ND < 5	ND < 1	ND < 1	ND < 5					
cis-1,2-Dichloroethene	200	ND < 5	--	--	--	ND < 5	ND < 1	ND < 1	ND < 5					
Ethyl benzene	700	ND < 5	ND < 1	ND < 1	ND < 1	ND < 5	ND < 1	ND < 1	ND < 5					
Freon-11	2000	--	--	--	--	ND < 5	ND < 1	ND < 1	ND < 5					
Methylcyclohexane	Not Regulated	--	--	--	--	ND < 5	--	--	ND < 5					
Methylene chloride	450	ND < 5	--	--	--	ND < 5	ND < 2	ND < 2	ND < 5					
Styrene	2600	ND < 5	--	--	--	ND < 5	ND < 1	ND < 1	ND < 5					
Tetrachloroethene	98	ND < 5	--	--	--	ND < 5	ND < 1	ND < 1	ND < 5					
Toluene	5200	ND < 5	1.1	ND < 1	ND < 1	ND < 5	ND < 1	ND < 1	ND < 5					
trans-1,2-Dichloroethene	160	ND < 5	--	--	--	ND < 5	ND < 1	ND < 1	ND < 5					
Trichloroethene	5	ND < 5	--	--	--	ND < 5	ND < 1	ND < 1	ND < 5					
Vinyl chloride	3	ND < 2	--	--	--	ND < 2	ND < 1	ND < 1	ND < 2					
m&p-Xylene	10000	--	--	--	--	ND < 10	ND < 2	ND < 2	--					
o-Xylene	10000	--	--	--	--	ND < 5	ND < 1	ND < 1	--					
Xylenes (total)	10000	ND < 5	ND < 2	ND < 2	ND < 2	--	--	ND < 5	ND < 5	ND < 5	ND < 5	--	--	ND < 5

Notes:

- 1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
- 2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
- 3)"--" = Compound was not included in the laboratory analysis.
- 4)Detections in excess of Type 3/4 groundwater RRS are shaded.
- 5) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
- 6) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
- 7) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-1
Summary of Concentrations of VOCs and 1,4-Dioxane in Groundwater
2002-2013
Avery Dennison Site
Flowery Branch, Georgia

VOC (µg/L)	Sample ID:	MW-1	MW-1	MW-1	MW-1	MW-1	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2
	Date:	11/3/2010	2/5/2011	10/27/2011	4/18/2012	10/22/2012	2/2/2002	4/23/2003	8/4/2003	11/4/2004	5/19/2005	5/27/2010	11/3/2010	2/8/2011
	Type 3/4 GW RRS													
1,1,1-Trichloroethane	13600	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1,2-Trichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethane	4000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethene	520	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 1	ND < 1	2.4	ND < 5	ND < 5	ND < 5	ND < 2	ND < 2
1,2-Dichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,4-Dichlorobenzene	75	--	--	--	--	--	--	--	--	ND < 5	ND < 5	ND < 5	--	--
1,4-Dioxane	70	ND < 250	ND < 250	ND < 2	ND < 2	ND < 2	--	--	--	--	--	ND < 250	ND < 250	ND < 250
2-Butanone (MEK)	11800	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	--	--	--	ND < 10	ND < 50	ND < 10	ND < 10	ND < 10
Acetone	45600	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20	ND < 25	ND < 25	ND < 25	ND < 20	ND < 50	ND < 20	ND < 20	ND < 20
Carbon disulfide	4000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Carbon tetrachloride	10	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Chloroethane	29200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1	ND < 10	ND < 10	ND < 5	ND < 5	ND < 5
Chloroform	80	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
cis-1,2-Dichloroethene	200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Ethyl benzene	700	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Freon-11	2000	--	--	--	--	--	--	--	--	ND < 5	ND < 5	ND < 5	--	--
Methylcyclohexane	Not Regulated	--	--	--	--	--	--	--	--	ND < 5	ND < 5	ND < 5	--	--
Methylene chloride	450	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Styrene	2600	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Tetrachloroethene	98	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Toluene	5200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
trans-1,2-Dichloroethene	160	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Trichloroethene	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Vinyl chloride	3	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	--	--	--	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2
m&p-Xylene	10000	--	--	--	--	--	--	--	--	ND < 10	ND < 10	--	--	--
o-Xylene	10000	--	--	--	--	--	--	--	--	ND < 5	ND < 5	--	--	--
Xylenes (total)	10000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 2	ND < 2	ND < 2	--	--	ND < 5	ND < 5	ND < 5

- Notes:
- 1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
 - 2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
 - 3)"--" = Compound was not included in the laboratory analysis.
 - 4)Detections in excess of Type 3/4 groundwater RRS are shaded.
 - 5) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
 - 6) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
 - 7) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-1
Summary of Concentrations of VOCs and 1,4-Dioxane in Groundwater
2002-2013
Avery Dennison Site
Flowery Branch, Georgia

VOC (µg/L)	Sample ID:	MW-2	MW-2	MW-2	MW-3									
	Date:	10/27/2011	4/19/2012	10/22/2012	2/2/2002	4/23/2003	8/4/2003	11/4/2004	5/19/2005	6/23/2006	10/9/2006	2/21/2007	5/18/2007	10/25/2007
	Type 3/4 GW RRS													
1,1,1-Trichloroethane	13600	ND < 5	ND < 5	ND < 5	760	1200	590	300	740	150	71	820	95	110
1,1,2-Trichloroethane	5	ND < 5	ND < 5	ND < 5	--	--	--	ND < 5						
1,1-Dichloroethane	4000	ND < 5	ND < 5	ND < 5	250	240	330	210	290	230	190	120	160	69
1,1-Dichloroethene	520	ND < 2	ND < 2	ND < 2	1700	4000	2800	2300	3800	2300	2000	2500	2300	1000
1,2-Dichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 50	ND < 50	ND < 100	ND < 5						
1,4-Dichlorobenzene	75	--	--	--	--	--	--	ND < 5						
1,4-Dioxane	70	ND < 2	ND < 2	ND < 2	--	--	--	--	--	--	--	--	--	--
2-Butanone (MEK)	11800	ND < 10	ND < 10	ND < 10	--	--	--	ND < 10	ND < 50					
Acetone	45600	ND < 20	ND < 20	ND < 20	ND < 1200	ND < 1200	ND < 2500	ND < 20	ND < 50	64	ND < 50	ND < 50	ND < 50	ND < 50
Carbon disulfide	4000	ND < 5	ND < 5	ND < 5	ND < 50	ND < 50	ND < 100	ND < 5						
Carbon tetrachloride	10	ND < 5	ND < 5	ND < 5	--	--	--	ND < 5						
Chloroethane	29200	ND < 5	ND < 5	ND < 5	ND < 50	ND < 50	ND < 100	ND < 10						
Chloroform	80	ND < 5	ND < 5	ND < 5	--	--	--	ND < 5						
cis-1,2-Dichloroethene	200	ND < 5	ND < 5	ND < 5	--	--	--	ND < 5						
Ethyl benzene	700	ND < 5	ND < 5	ND < 5	ND < 50	ND < 50	ND < 100	ND < 5						
Freon-11	2000	--	--	--	--	--	--	ND < 5						
Methylcyclohexane	Not Regulated	--	--	--	--	--	--	ND < 5						
Methylene chloride	450	ND < 5	ND < 5	ND < 5	--	--	--	ND < 5						
Styrene	2600	ND < 5	ND < 5	ND < 5	--	--	--	ND < 5						
Tetrachloroethene	98	ND < 5	ND < 5	ND < 5	--	--	--	ND < 5						
Toluene	5200	ND < 5	ND < 5	ND < 5	ND < 50	ND < 50	ND < 100	ND < 5						
trans-1,2-Dichloroethene	160	ND < 5	ND < 5	ND < 5	--	--	--	ND < 5						
Trichloroethene	5	ND < 5	ND < 5	ND < 5	--	--	--	ND < 5						
Vinyl chloride	3	ND < 2	ND < 2	ND < 2	--	--	--	9.2	8.9	12	20	8.3	9.7	ND < 2
m&p-Xylene	10000	--	--	--	--	--	--	ND < 10						
o-Xylene	10000	--	--	--	--	--	--	ND < 5						
Xylenes (total)	10000	ND < 5	ND < 5	ND < 5	ND < 100	ND < 100	ND < 200	--	--	ND < 5				

- Notes:
- 1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
 - 2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
 - 3) "--" = Compound was not included in the laboratory analysis.
 - 4) Detections in excess of Type 3/4 groundwater RRS are shaded.
 - 5) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
 - 6) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
 - 7) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-1
Summary of Concentrations of VOCs and 1,4-Dioxane in Groundwater
2002-2013
Avery Dennison Site
Flowery Branch, Georgia

VOC (µg/L)	Sample ID:	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-4	MW-4	MW-4
	Date:	6/5/2009	10/18/2009	5/27/2010	11/3/2010	2/5/2011	10/27/2011	4/19/2012	10/22/2012	4/30/2013	11/15/2013	2/2/2002	4/23/2003	8/4/2003
	Type 3/4 GW RRS													
1,1,1-Trichloroethane	13600	629	424	60	ND < 5	81	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1,2-Trichloroethane	5	2.6	ND < 10	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	--
1,1-Dichloroethane	4000	49.1	30	69	23	13	21	11	7	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethene	520	1260	1140	690	220	320	180	62	46	18	ND < 2	ND < 1	ND < 1	ND < 1
1,2-Dichloroethane	5	1.9	ND < 10	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,4-Dichlorobenzene	75	ND < 1	ND < 10	ND < 5	--	--	--	--	--	--	--	--	--	--
1,4-Dioxane	70	ND < 150	ND < 1500	ND < 250	ND < 250	ND < 250	3.4	7	4.9	8	ND < 2	--	--	--
2-Butanone (MEK)	11800	ND < 5	ND < 50	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	--	--
Acetone	45600	ND < 25	ND < 250	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20	ND < 25	ND < 25	ND < 25
Carbon disulfide	4000	--	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	2.5	ND < 1	ND < 1
Carbon tetrachloride	10	ND < 1	ND < 10	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	--
Chloroethane	29200	ND < 1	ND < 10	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
Chloroform	80	ND < 1	ND < 10	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--
cis-1,2-Dichloroethene	200	ND < 1	ND < 10	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--
Ethyl benzene	700	ND < 1	ND < 10	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
Freon-11	2000	ND < 1	ND < 10	ND < 5	--	--	--	--	--	--	--	--	--	--
Methylcyclohexane	Not Regulated	--	--	ND < 5	--	--	--	--	--	--	--	--	--	--
Methylene chloride	450	ND < 2	ND < 20	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--
Styrene	2600	ND < 1	ND < 10	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--
Tetrachloroethene	98	ND < 1	ND < 10	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--
Toluene	5200	ND < 1	ND < 10	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
trans-1,2-Dichloroethene	160	ND < 1	ND < 10	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--
Trichloroethene	5	1.3	ND < 10	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--
Vinyl chloride	3	2.3	ND < 10	3	3	ND < 2	3	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	--	--
m&p-Xylene	10000	ND < 2	ND < 20	--	--	--	--	--	--	--	--	--	--	--
o-Xylene	10000	ND < 1	ND < 10	--	--	--	--	--	--	--	--	--	--	--
Xylenes (total)	10000	--	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 2	ND < 2

- Notes:
- 1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
 - 2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
 - 3)"--" = Compound was not included in the laboratory analysis.
 - 4)Detections in excess of Type 3/4 groundwater RRS are shaded.
 - 5) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
 - 6) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
 - 7) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-1
Summary of Concentrations of VOCs and 1,4-Dioxane in Groundwater
2002-2013
Avery Dennison Site
Flowery Branch, Georgia

VOC (µg/L)	Sample ID:	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4
	Date:	11/4/2004	5/19/2005	6/19/2006	10/5/2006	2/19/2007	5/17/2007	6/5/2009	6/5/2009	10/17/2009	10/17/2009	10/27/2011	4/19/2012	10/22/2012
	Type 3/4 GW RRS									Duplicate	Duplicate			
1,1,1-Trichloroethane	13600	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5					
1,1,2-Trichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5
1,1-Dichloroethane	4000	ND < 5	ND < 1	ND < 1	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5					
1,1-Dichloroethene	520	ND < 5	ND < 1	ND < 1	ND < 1	ND < 1	ND < 2	ND < 2	ND < 2					
1,2-Dichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5
1,4-Dichlorobenzene	75	ND < 5	ND < 1	ND < 1	ND < 1	ND < 1	--	--	--					
1,4-Dioxane	70	--	--	--	--	--	--	ND < 150	ND < 150	ND < 150	ND < 150	ND < 2	ND < 2	ND < 2
2-Butanone (MEK)	11800	ND < 10	ND < 50	ND < 5	ND < 5	ND < 5	ND < 5	ND < 10	ND < 10	ND < 10				
Acetone	45600	ND < 20	ND < 50	ND < 25	ND < 25	ND < 25	ND < 25	ND < 20	ND < 20	ND < 20				
Carbon disulfide	4000	ND < 5	--	--	--	--	ND < 5	ND < 5	ND < 5					
Carbon tetrachloride	10	ND < 5	ND < 1	ND < 1	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5					
Chloroethane	29200	ND < 10	ND < 1	ND < 1	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5					
Chloroform	80	ND < 5	2.6	2.6	2.9	3.2	ND < 5	ND < 5	ND < 5					
cis-1,2-Dichloroethene	200	ND < 5	ND < 1	ND < 1	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5					
Ethyl benzene	700	ND < 5	ND < 1	ND < 1	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5					
Freon-11	2000	ND < 5	ND < 1	ND < 1	ND < 1	ND < 1	--	--	--					
Methylcyclohexane	Not Regulated	ND < 5	--	--	--	--	--	--	--					
Methylene chloride	450	ND < 5	ND < 2	ND < 2	ND < 2	ND < 2	ND < 5	ND < 5	ND < 5					
Styrene	2600	ND < 5	ND < 1	ND < 1	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5					
Tetrachloroethene	98	ND < 5	ND < 1	ND < 1	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5					
Toluene	5200	ND < 5	ND < 1	ND < 1	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5					
trans-1,2-Dichloroethene	160	ND < 5	ND < 1	ND < 1	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5					
Trichloroethene	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5
Vinyl chloride	3	ND < 2	ND < 1	ND < 1	ND < 1	ND < 1	ND < 2	ND < 2	ND < 2					
m&p-Xylene	10000	ND < 10	ND < 2	ND < 2	ND < 2	ND < 2	--	--	--					
o-Xylene	10000	ND < 5	ND < 1	ND < 1	ND < 1	ND < 1	--	--	--					
Xylenes (total)	10000	--	--	ND < 5	ND < 5	ND < 5	ND < 5	--	--	--	--	ND < 5	ND < 5	ND < 5

- Notes:
- 1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
 - 2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
 - 3)"--" = Compound was not included in the laboratory analysis.
 - 4)Detections in excess of Type 3/4 groundwater RRS are shaded.
 - 5) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
 - 6) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
 - 7) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-1
Summary of Concentrations of VOCs and 1,4-Dioxane in Groundwater
2002-2013
Avery Dennison Site
Flowery Branch, Georgia

VOC (µg/L)	Sample ID:	MW-4	MW-4	MW-5	MW-5	MW-5	MW-5	MW-5	MW-5	MW-5	MW-5	MW-5	MW-5	MW-5
	Date:	5/1/2013	11/14/2013	2/2/2002	4/23/2003	8/4/2003	11/4/2004	5/19/2005	5/19/2005	6/23/2006	10/9/2006	2/21/2007	5/17/2007	5/17/2007
Type 3/4 GW RRS										Duplicate				Duplicate
1,1,1-Trichloroethane	13600	ND < 5	ND < 5	2.3	1.4	2.6	ND < 5							
1,1,2-Trichloroethane	5	ND < 5	ND < 5	--	--	--	ND < 5							
1,1-Dichloroethane	4000	ND < 5	ND < 5	1.8	9.1	10	8.4	21	20	6.3	ND < 5	15	14	11
1,1-Dichloroethene	520	ND < 2	ND < 2	3.9	42	25	31	77	73	44	25	78	71	57
1,2-Dichloroethane	5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1	ND < 5							
1,4-Dichlorobenzene	75	--	--	--	--	--	ND < 5							
1,4-Dioxane	70	ND < 2	ND < 2	--	--	--	--	--	--	--	--	--	--	--
2-Butanone (MEK)	11800	ND < 10	ND < 10	--	--	--	ND < 10	ND < 50						
Acetone	45600	ND < 20	ND < 20	ND < 25	ND < 25	ND < 25	ND < 20	ND < 50						
Carbon disulfide	4000	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1	ND < 5							
Carbon tetrachloride	10	ND < 5	ND < 5	--	--	--	ND < 5							
Chloroethane	29200	ND < 5	ND < 5	ND < 1	2.2	1	ND < 10							
Chloroform	80	ND < 5	ND < 5	--	--	--	ND < 5							
cis-1,2-Dichloroethene	200	ND < 5	ND < 5	--	--	--	ND < 5							
Ethyl benzene	700	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1	ND < 5							
Freon-11	2000	--	--	--	--	--	ND < 5							
Methylcyclohexane	Not Regulated	--	--	--	--	--	ND < 5							
Methylene chloride	450	ND < 5	ND < 5	--	--	--	ND < 5							
Styrene	2600	ND < 5	ND < 5	--	--	--	ND < 5							
Tetrachloroethene	98	ND < 5	ND < 5	--	--	--	ND < 5							
Toluene	5200	ND < 5	ND < 5	1.7	ND < 1	ND < 1	ND < 5							
trans-1,2-Dichloroethene	160	ND < 5	ND < 5	--	--	--	ND < 5							
Trichloroethene	5	ND < 5	ND < 5	--	--	--	ND < 5							
Vinyl chloride	3	ND < 2	ND < 2	--	--	--	ND < 2							
m&p-Xylene	10000	--	--	--	--	--	ND < 10							
o-Xylene	10000	--	--	--	--	--	ND < 5							
Xylenes (total)	10000	ND < 5	ND < 5	ND < 2	ND < 2	ND < 2	--	--	--	ND < 5				

- Notes:
- 1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
 - 2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
 - 3)"--" = Compound was not included in the laboratory analysis.
 - 4)Detections in excess of Type 3/4 groundwater RRS are shaded.
 - 5) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
 - 6) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
 - 7) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-1
Summary of Concentrations of VOCs and 1,4-Dioxane in Groundwater
2002-2013
Avery Dennison Site
Flowery Branch, Georgia

VOC (µg/L)	Sample ID:	MW-5	MW-5	MW-5	MW-5	MW-5	MW-5	MW-5	MW-5	MW-5	MW-5	MW-5	MW-6	MW-6
	Date:	10/25/2007	6/5/2009	10/18/2009	5/27/2010	11/4/2010	2/8/2011	10/25/2011	4/19/2012	10/23/2012	5/1/2013	11/17/2013	2/2/2002	4/23/2003
	Type 3/4 GW RRS													
1,1,1-Trichloroethane	13600	ND < 5	1.2	1.3	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
1,1,2-Trichloroethane	5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--
1,1-Dichloroethane	4000	ND < 5	17.8	9	34	13	10	6	18	9	11	ND < 5	ND < 1	ND < 1
1,1-Dichloroethene	520	8.2	123	71.3	260	65	100	28	120	75	120	ND < 2	ND < 1	1.4
1,2-Dichloroethane	5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
1,4-Dichlorobenzene	75	ND < 5	ND < 1	ND < 1	ND < 5	--	--	--	--	--	--	--	--	--
1,4-Dioxane	70	--	ND < 150	ND < 150	ND < 250	ND < 250	ND < 250	7.4	16	3.7	9	ND < 2	--	--
2-Butanone (MEK)	11800	ND < 50	ND < 5	ND < 5	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	--	--
Acetone	45600	ND < 50	ND < 25	ND < 25	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20	ND < 25	ND < 25
Carbon disulfide	4000	ND < 5	--	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
Carbon tetrachloride	10	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--
Chloroethane	29200	ND < 10	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
Chloroform	80	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--
cis-1,2-Dichloroethene	200	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--
Ethyl benzene	700	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
Freon-11	2000	ND < 5	ND < 1	ND < 1	ND < 5	--	--	--	--	--	--	--	--	--
Methylcyclohexane	Not Regulated	ND < 5	--	--	ND < 5	--	--	--	--	--	--	--	--	--
Methylene chloride	450	ND < 5	2	ND < 2	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--
Styrene	2600	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--
Tetrachloroethene	98	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--
Toluene	5200	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
trans-1,2-Dichloroethene	160	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--
Trichloroethene	5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--
Vinyl chloride	3	ND < 2	ND < 1	ND < 1	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	--	--
m&p-Xylene	10000	ND < 10	ND < 2	ND < 2	--	--	--	--	--	--	--	--	--	--
o-Xylene	10000	ND < 5	ND < 1	ND < 1	--	--	--	--	--	--	--	--	--	--
Xylenes (total)	10000	ND < 5	--	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 2	ND < 2

Notes:

- 1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
- 2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
- 3)"--" = Compound was not included in the laboratory analysis.
- 4)Detections in excess of Type 3/4 groundwater RRS are shaded.
- 5) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
- 6) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
- 7) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-1
Summary of Concentrations of VOCs and 1,4-Dioxane in Groundwater
2002-2013
Avery Dennison Site
Flowery Branch, Georgia

VOC (µg/L)	Sample ID:	MW-6	MW-6	MW-6	MW-6	MW-6	MW-6	MW-6	MW-7	MW-7	MW-7	MW-7	MW-7	MW-7
	Date:	8/4/2003	11/3/2004	5/18/2005	10/26/2007	10/24/2011	4/20/2012	10/19/2012	2/2/2002	4/23/2003	8/4/2003	11/3/2004	5/18/2005	10/26/2007
	Type 3/4 GW RRS													
1,1,1-Trichloroethane	13600	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	48	1.9	9.8	ND < 5	ND < 5	ND < 5
1,1,2-Trichloroethane	5	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	--	ND < 5	ND < 5	ND < 5
1,1-Dichloroethane	4000	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	230	24	57	ND < 5	ND < 5	12
1,1-Dichloroethene	520	ND < 1	ND < 5	ND < 5	ND < 5	ND < 2	ND < 2	ND < 2	4.5	1.4	ND < 1	ND < 5	ND < 5	ND < 5
1,2-Dichloroethane	5	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5
1,4-Dichlorobenzene	75	--	ND < 5	ND < 5	ND < 5	--	--	--	--	--	--	ND < 5	ND < 5	ND < 5
1,4-Dioxane	70	--	--	--	--	13	14	9.8	--	--	--	--	--	--
2-Butanone (MEK)	11800	--	ND < 10	ND < 50	ND < 50	ND < 10	ND < 10	ND < 10	--	--	--	ND < 10	ND < 50	ND < 50
Acetone	45600	ND < 25	ND < 20	ND < 50	ND < 50	ND < 20	ND < 20	ND < 20	ND < 25	ND < 25	ND < 25	ND < 20	ND < 50	ND < 50
Carbon disulfide	4000	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5
Carbon tetrachloride	10	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	--	ND < 5	ND < 5	ND < 5
Chloroethane	29200	ND < 1	ND < 10	ND < 10	ND < 10	ND < 5	ND < 5	ND < 5	50	33	23	ND < 10	ND < 10	ND < 10
Chloroform	80	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	--	ND < 5	ND < 5	ND < 5
cis-1,2-Dichloroethene	200	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	--	ND < 5	ND < 5	ND < 5
Ethyl benzene	700	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5
Freon-11	2000	--	ND < 5	ND < 5	ND < 5	--	--	--	--	--	--	ND < 5	ND < 5	ND < 5
Methylcyclohexane	Not Regulated	--	ND < 5	ND < 5	ND < 5	--	--	--	--	--	--	ND < 5	ND < 5	ND < 5
Methylene chloride	450	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	--	ND < 5	ND < 5	ND < 5
Styrene	2600	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	--	ND < 5	ND < 5	ND < 5
Tetrachloroethene	98	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	--	ND < 5	ND < 5	ND < 5
Toluene	5200	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5
trans-1,2-Dichloroethene	160	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	--	ND < 5	ND < 5	ND < 5
Trichloroethene	5	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	--	ND < 5	ND < 5	ND < 5
Vinyl chloride	3	--	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	--	--	--	ND < 2	ND < 2	ND < 2
m&p-Xylene	10000	--	ND < 10	ND < 10	ND < 10	--	--	--	--	--	--	ND < 10	ND < 10	ND < 10
o-Xylene	10000	--	ND < 5	ND < 5	ND < 5	--	--	--	--	--	--	ND < 5	ND < 5	ND < 5
Xylenes (total)	10000	ND < 2	ND < 5	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 2	ND < 2	ND < 2	ND < 5	--	ND < 5

Notes:

- 1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
- 2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
- 3)"--" = Compound was not included in the laboratory analysis.
- 4)Detections in excess of Type 3/4 groundwater RRS are shaded.
- 5) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
- 6) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
- 7) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-1
Summary of Concentrations of VOCs and 1,4-Dioxane in Groundwater
2002-2013
Avery Dennison Site
Flowery Branch, Georgia

VOC (µg/L)	Sample ID:	MW-7	MW-7	MW-7	MW-8	MW-8	MW-8	MW-8	MW-8	MW-8	MW-8	MW-8	MW-8	MW-8
	Date:	10/24/2011	4/20/2012	10/19/2012	2/2/2002	4/22/2003	8/6/2003	11/7/2004	5/18/2005	6/22/2006	10/7/2006	2/20/2007	5/18/2007	10/29/2007
	Type 3/4 GW RRS													
1,1,1-Trichloroethane	13600	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1	ND < 5						
1,1,2-Trichloroethane	5	ND < 5	ND < 5	ND < 5	--	--	--	ND < 5						
1,1-Dichloroethane	4000	ND < 5	5	ND < 5	ND < 1	1.3	1.2	ND < 5						
1,1-Dichloroethene	520	ND < 2	ND < 2	ND < 2	ND < 1	ND < 1	ND < 1	ND < 5						
1,2-Dichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1	ND < 5						
1,4-Dichlorobenzene	75	--	--	--	--	--	--	ND < 5						
1,4-Dioxane	70	4.1	2.8	2.5	--	--	--	--	--	--	--	--	--	--
2-Butanone (MEK)	11800	ND < 10	ND < 10	ND < 10	--	--	--	ND < 10	ND < 50					
Acetone	45600	ND < 20	ND < 20	ND < 20	ND < 25	ND < 25	ND < 25	ND < 20	ND < 50					
Carbon disulfide	4000	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1	ND < 5						
Carbon tetrachloride	10	ND < 5	ND < 5	ND < 5	--	--	--	ND < 5						
Chloroethane	29200	ND < 5	ND < 5	ND < 5	1.7	4.1	6.8	ND < 10						
Chloroform	80	ND < 5	ND < 5	ND < 5	--	--	--	ND < 5						
cis-1,2-Dichloroethene	200	ND < 5	ND < 5	ND < 5	--	--	--	ND < 5						
Ethyl benzene	700	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1	ND < 5						
Freon-11	2000	--	--	--	--	--	--	ND < 5						
Methylcyclohexane	Not Regulated	--	--	--	--	--	--	ND < 5						
Methylene chloride	450	ND < 5	ND < 5	ND < 5	--	--	--	ND < 5						
Styrene	2600	ND < 5	ND < 5	ND < 5	--	--	--	ND < 5						
Tetrachloroethene	98	ND < 5	ND < 5	ND < 5	--	--	--	ND < 5						
Toluene	5200	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1	ND < 5						
trans-1,2-Dichloroethene	160	ND < 5	ND < 5	ND < 5	--	--	--	ND < 5						
Trichloroethene	5	ND < 5	ND < 5	ND < 5	--	--	--	ND < 5						
Vinyl chloride	3	ND < 2	ND < 2	ND < 2	--	--	--	ND < 2						
m&p-Xylene	10000	--	--	--	--	--	--	ND < 10						
o-Xylene	10000	--	--	--	--	--	--	ND < 5						
Xylenes (total)	10000	ND < 5	ND < 5	ND < 5	ND < 2	ND < 2	ND < 2	--	--	ND < 5				

- Notes:
- 1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
 - 2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
 - 3)"--" = Compound was not included in the laboratory analysis.
 - 4)Detections in excess of Type 3/4 groundwater RRS are shaded.
 - 5) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
 - 6) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
 - 7) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-1
Summary of Concentrations of VOCs and 1,4-Dioxane in Groundwater
2002-2013
Avery Dennison Site
Flowery Branch, Georgia

VOC (µg/L)	Sample ID:	MW-8	MW-8	MW-8	MW-8	MW-8	MW-9	MW-9	MW-9	MW-9	MW-9	MW-9	MW-9	MW-9
	Date:	6/7/2009	10/16/2009	10/20/2011	4/22/2012	10/21/2012	2/2/2002	4/25/2003	8/5/2003	11/7/2004	5/20/2005	10/28/2007	10/20/2011	4/22/2012
	Type 3/4 GW RRS													
1,1,1-Trichloroethane	13600	ND < 1	ND < 1	5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1,2-Trichloroethane	5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	--	--	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethane	4000	ND < 1	ND < 1	10	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1	9.1	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethene	520	ND < 1	ND < 1	22	ND < 2	6	ND < 1	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 2	ND < 2
1,2-Dichloroethane	5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,4-Dichlorobenzene	75	ND < 1	ND < 1	--	--	--	--	--	--	ND < 5	ND < 5	ND < 5	--	--
1,4-Dioxane	70	ND < 150	ND < 150	ND < 2	ND < 2	ND < 2	--	--	--	--	--	--	ND < 2	ND < 2
2-Butanone (MEK)	11800	ND < 5	ND < 5	ND < 10	ND < 10	ND < 10	--	--	--	ND < 10	ND < 50	ND < 50	ND < 10	ND < 10
Acetone	45600	ND < 25	ND < 25	ND < 20	ND < 20	ND < 20	ND < 25	ND < 25	ND < 25	ND < 50	ND < 50	ND < 50	ND < 20	ND < 20
Carbon disulfide	4000	--	--	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Carbon tetrachloride	10	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	--	--	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Chloroethane	29200	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 1	6.1	3.2	ND < 10	ND < 10	ND < 10	ND < 5	ND < 5
Chloroform	80	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	--	--	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
cis-1,2-Dichloroethene	200	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	--	--	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Ethyl benzene	700	ND < 1	1.3	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	35
Freon-11	2000	ND < 1	ND < 1	--	--	--	--	--	--	ND < 5	ND < 5	ND < 5	--	--
Methylcyclohexane	Not Regulated	--	--	--	--	--	--	--	--	ND < 5	ND < 5	ND < 5	--	--
Methylene chloride	450	ND < 2	ND < 2	ND < 5	ND < 5	ND < 5	--	--	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Styrene	2600	ND < 1	3.1	ND < 5	ND < 5	ND < 5	--	--	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Tetrachloroethene	98	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	--	--	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Toluene	5200	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 1	6.1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	110
trans-1,2-Dichloroethene	160	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	--	--	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Trichloroethene	5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	--	--	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Vinyl chloride	3	ND < 1	ND < 1	ND < 2	ND < 2	ND < 2	--	--	--	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2
m&p-Xylene	10000	ND < 2	ND < 2	--	--	--	--	--	--	ND < 10	ND < 10	ND < 10	--	--
o-Xylene	10000	ND < 1	ND < 1	--	--	--	--	--	--	ND < 5	ND < 5	ND < 5	--	--
Xylenes (total)	10000	--	--	ND < 5	ND < 5	ND < 5	ND < 2	ND < 2	ND < 2	--	--	ND < 5	ND < 5	ND < 5

- Notes:
- 1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
 - 2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
 - 3)"--" = Compound was not included in the laboratory analysis.
 - 4)Detections in excess of Type 3/4 groundwater RRS are shaded.
 - 5) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
 - 6) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
 - 7) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-1
Summary of Concentrations of VOCs and 1,4-Dioxane in Groundwater
2002-2013
Avery Dennison Site
Flowery Branch, Georgia

VOC (µg/L)	Sample ID:	MW-9	MW-10	MW-10	MW-10	MW-10	MW-10	MW-11	MW-11	MW-11	MW-11	MW-11	MW-11	MW-11
	Date:	10/20/2012	2/2/2002	4/25/2003	8/5/2003	11/7/2004	5/17/2005	7/2/2002	4/24/2003	8/5/2003	11/7/2004	5/16/2005	10/25/2011	4/23/2012
	Type 3/4 GW RRS													
1,1,1-Trichloroethane	13600	ND < 5	ND < 1	ND < 1	ND < 1	ND < 5	ND < 5	9.3	2.6	ND < 2.5	ND < 5	ND < 5	ND < 5	ND < 5
1,1,2-Trichloroethane	5	ND < 5	--	--	--	ND < 5	ND < 5	--	--	--	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethane	4000	ND < 5	ND < 1	ND < 1	ND < 1	ND < 5	ND < 5	5	1.3	ND < 2.51	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethene	520	ND < 2	ND < 1	ND < 1	ND < 1	ND < 5	ND < 5	2.1	1.4	ND < 2.5	ND < 5	ND < 5	ND < 2	ND < 2
1,2-Dichloroethane	5	ND < 5	ND < 1	ND < 1	ND < 1	ND < 5	ND < 5	ND < 1	ND < 1	ND < 2.5	ND < 5	ND < 5	ND < 5	ND < 5
1,4-Dichlorobenzene	75	--	--	--	--	ND < 5	ND < 5	--	--	--	ND < 5	ND < 5	--	--
1,4-Dioxane	70	ND < 2	--	--	--	--	--	--	--	--	--	--	ND < 2	ND < 2
2-Butanone (MEK)	11800	ND < 10	--	--	--	ND < 10	ND < 50	--	--	--	ND < 10	ND < 50	ND < 10	ND < 10
Acetone	45600	ND < 20	63	ND < 25	ND < 25	ND < 20	ND < 50	ND < 25	ND < 25	ND < 62	ND < 20	ND < 50	ND < 20	ND < 20
Carbon disulfide	4000	ND < 5	1.7	ND < 1	ND < 1	ND < 5	ND < 5	ND < 1	ND < 1	ND < 2.5	ND < 5	ND < 5	ND < 5	ND < 5
Carbon tetrachloride	10	ND < 5	--	--	--	ND < 5	ND < 5	--	--	--	ND < 5	ND < 5	ND < 5	ND < 5
Chloroethane	29200	ND < 5	29	13	1.8	ND < 10	ND < 10	ND < 1	ND < 1	ND < 2.5	ND < 10	ND < 10	ND < 5	ND < 5
Chloroform	80	ND < 5	--	--	--	ND < 5	ND < 5	--	--	--	ND < 5	ND < 5	ND < 5	ND < 5
cis-1,2-Dichloroethene	200	ND < 5	--	--	--	ND < 5	ND < 5	--	--	--	ND < 5	ND < 5	ND < 5	ND < 5
Ethyl benzene	700	ND < 5	ND < 1	ND < 1	ND < 1	ND < 5	ND < 5	ND < 1	ND < 1	ND < 2.5	ND < 5	ND < 5	ND < 5	ND < 5
Freon-11	2000	--	--	--	--	ND < 5	ND < 5	--	--	--	ND < 5	ND < 5	--	--
Methylcyclohexane	Not Regulated	--	--	--	--	ND < 5	ND < 5	--	--	--	ND < 5	ND < 5	--	--
Methylene chloride	450	ND < 5	--	--	--	ND < 5	ND < 5	--	--	--	ND < 5	ND < 5	ND < 5	ND < 5
Styrene	2600	ND < 5	--	--	--	ND < 5	ND < 5	--	--	--	ND < 5	ND < 5	ND < 5	ND < 5
Tetrachloroethene	98	ND < 5	--	--	--	ND < 5	ND < 5	--	--	--	ND < 5	ND < 5	ND < 5	ND < 5
Toluene	5200	44	340	96	ND < 1	ND < 5	ND < 5	ND < 1	ND < 1	ND < 2.5	ND < 5	ND < 5	ND < 5	ND < 5
trans-1,2-Dichloroethene	160	ND < 5	--	--	--	ND < 5	ND < 5	--	--	--	ND < 5	ND < 5	ND < 5	ND < 5
Trichloroethene	5	ND < 5	--	--	--	ND < 5	ND < 5	--	--	--	ND < 5	ND < 5	ND < 5	ND < 5
Vinyl chloride	3	ND < 2	--	--	--	ND < 2	ND < 2	--	--	--	ND < 2	ND < 2	ND < 2	ND < 2
m&p-Xylene	10000	--	--	--	--	ND < 10	ND < 10	--	--	--	ND < 10	ND < 10	--	--
o-Xylene	10000	--	--	--	--	ND < 5	ND < 5	--	--	--	ND < 5	ND < 5	--	--
Xylenes (total)	10000	ND < 5	ND < 2	ND < 2	ND < 2	--	--	ND < 2	ND < 2	ND < 5	--	--	ND < 5	ND < 5

- Notes:
- 1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
 - 2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
 - 3) "--" = Compound was not included in the laboratory analysis.
 - 4) Detections in excess of Type 3/4 groundwater RRS are shaded.
 - 5) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
 - 6) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
 - 7) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-1
Summary of Concentrations of VOCs and 1,4-Dioxane in Groundwater
2002-2013
Avery Dennison Site
Flowery Branch, Georgia

VOC (µg/L)	Sample ID:	MW-11	MW-12	MW-12	MW-12	MW-12	MW-12	MW-12	MW-12	MW-12	MW-12	MW-12	MW-12	MW-12	MW-12	
	Date:	10/23/2012	2/2/2002	4/25/2003	8/5/2003	11/3/2004	5/20/2005	6/23/2006	10/9/2006	2/21/2007	5/19/2007	10/25/2007	6/6/2009	10/16/2009		
	Type 3/4 GW RRS															
1,1,1-Trichloroethane	13600	ND < 5	19	1.4	ND < 2.5	7.1	ND < 5	ND < 5	3.8	ND < 1						
1,1,2-Trichloroethane	5	ND < 5	--	--	--	ND < 5	ND < 5	ND < 1	ND < 1							
1,1-Dichloroethane	4000	ND < 5	380	68	54	140	15	63	25	58	69	41	60.1	41.7		
1,1-Dichloroethene	520	ND < 2	99	44	28	38	16	20	14	23	35	34	10.8	7.7		
1,2-Dichloroethane	5	ND < 5	ND < 1	ND < 1	ND < 2.5	ND < 5	ND < 5	ND < 1	ND < 1							
1,4-Dichlorobenzene	75	--	--	--	--	ND < 5	ND < 5	ND < 1	ND < 1							
1,4-Dioxane	70	ND < 2	--	--	--	--	--	--	--	--	--	--	--	ND < 150	ND < 150	
2-Butanone (MEK)	11800	ND < 10	--	--	--	ND < 10	ND < 50	ND < 50	ND < 5	ND < 5						
Acetone	45600	ND < 20	ND < 25	ND < 25	ND < 62	ND < 20	ND < 50	ND < 50	ND < 25	ND < 25						
Carbon disulfide	4000	ND < 5	ND < 1	ND < 1	ND < 2.5	ND < 5	ND < 5	--	--							
Carbon tetrachloride	10	ND < 5	--	--	--	ND < 5	ND < 5	ND < 1	ND < 1							
Chloroethane	29200	ND < 5	180	48	36	45	34	51	21	49	60	78	59.5	41.2		
Chloroform	80	ND < 5	--	--	--	ND < 5	ND < 5	ND < 1	ND < 1							
cis-1,2-Dichloroethene	200	ND < 5	--	--	--	ND < 5	ND < 5	ND < 1	ND < 1							
Ethyl benzene	700	ND < 5	ND < 1	ND < 1	ND < 2.5	ND < 5	ND < 5	ND < 1	ND < 1							
Freon-11	2000	--	--	--	--	ND < 5	ND < 5	ND < 1	ND < 1							
Methylcyclohexane	Not Regulated	--	--	--	--	ND < 5	ND < 5	--	--							
Methylene chloride	450	ND < 5	--	--	--	ND < 5	ND < 5	ND < 2	ND < 2							
Styrene	2600	ND < 5	--	--	--	ND < 5	ND < 5	ND < 1	ND < 1							
Tetrachloroethene	98	ND < 5	--	--	--	ND < 5	ND < 5	ND < 1	ND < 1							
Toluene	5200	ND < 5	ND < 1	ND < 1	ND < 2.5	ND < 5	ND < 5	3.9	ND < 1							
trans-1,2-Dichloroethene	160	ND < 5	--	--	--	ND < 5	ND < 5	ND < 1	ND < 1							
Trichloroethene	5	ND < 5	--	--	--	ND < 5	ND < 5	ND < 1	ND < 1							
Vinyl chloride	3	ND < 2	--	--	--	5.6	4.4	9.4	4.7	12	14	21	4.7			
m&p-Xylene	10000	--	--	--	--	ND < 10	ND < 10	ND < 2	ND < 2							
o-Xylene	10000	--	--	--	--	ND < 5	ND < 5	ND < 1	ND < 1							
Xylenes (total)	10000	ND < 5	ND < 2	ND < 2	ND < 5	ND < 5	--	ND < 5	ND < 5	--	--					

- Notes:
- 1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
 - 2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
 - 3)"--" = Compound was not included in the laboratory analysis.
 - 4)Detections in excess of Type 3/4 groundwater RRS are shaded.
 - 5) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
 - 6) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
 - 7) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-1
Summary of Concentrations of VOCs and 1,4-Dioxane in Groundwater
2002-2013
Avery Dennison Site
Flowery Branch, Georgia

VOC (µg/L)	Sample ID:	MW-12	MW-12	MW-12	MW-12	MW-12	MW-12	MW-12	MW-12	MW-13	MW-13	MW-13	MW-13	MW-13
	Date:	2/8/2011	2/8/2011	10/25/2011	10/25/2011	4/23/2012	4/23/2012	10/23/2012	10/23/2012	2/2/2002	4/18/2003	8/5/2003	11/3/2004	5/16/2005
	Type 3/4 GW RRS		Duplicate		Duplicate		Duplicate		Duplicate					
1,1,1-Trichloroethane	13600	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1,2-Trichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethane	4000	9	8	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethene	520	ND < 2	2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2
1,2-Dichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,4-Dichlorobenzene	75	--	--	--	--	--	--	--	--	--	--	--	ND < 5	ND < 5
1,4-Dioxane	70	ND < 250	ND < 250	7	7.5	8.8	8.8	4.8	4.6	--	--	--	--	--
2-Butanone (MEK)	11800	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 50
Acetone	45600	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20	ND < 25	ND < 25	ND < 25	ND < 20	ND < 50
Carbon disulfide	4000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Carbon tetrachloride	10	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Chloroethane	29200	12	15	ND < 5	ND < 5	5	6	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1	ND < 10	ND < 10
Chloroform	80	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
cis-1,2-Dichloroethene	200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Ethyl benzene	700	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1	ND < 5	ND < 5
Freon-11	2000	--	--	--	--	--	--	--	--	--	--	--	ND < 5	ND < 5
Methylcyclohexane	Not Regulated	--	--	--	--	--	--	--	--	--	--	--	ND < 5	ND < 5
Methylene chloride	450	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Styrene	2600	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Tetrachloroethene	98	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Toluene	5200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1	ND < 5	ND < 5
trans-1,2-Dichloroethene	160	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Trichloroethene	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Vinyl chloride	3	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2
m&p-Xylene	10000	--	--	--	--	--	--	--	--	--	--	--	ND < 10	ND < 10
o-Xylene	10000	--	--	--	--	--	--	--	--	--	--	--	ND < 5	ND < 5
Xylenes (total)	10000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 2	ND < 2	ND < 2	ND < 5	--

Notes:

- 1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
- 2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
- 3) "--" = Compound was not included in the laboratory analysis.
- 4) Detections in excess of Type 3/4 groundwater RRS are shaded.
- 5) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
- 6) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
- 7) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-1
Summary of Concentrations of VOCs and 1,4-Dioxane in Groundwater
2002-2013
Avery Dennison Site
Flowery Branch, Georgia

VOC (µg/L)	Sample ID:	MW-13	MW-13	MW-13	MW-13	MW-13	MW-14	MW-14	MW-14	MW-14	MW-14	MW-14	MW-14	MW-14
	Date:	6/20/2006	10/4/2006	2/17/2007	5/15/2007	10/24/2007	2/2/2002	4/22/2003	8/5/2003	11/5/2004	5/19/2005	6/23/2006	10/9/2006	2/21/2007
	Type 3/4 GW RRS													
1,1,1-Trichloroethane	13600	ND < 5	2.8	57	56	49	25	72	24	ND < 5				
1,1,2-Trichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	--	ND < 5				
1,1-Dichloroethane	4000	ND < 5	14	33	36	35	21	62	26	6.4				
1,1-Dichloroethene	520	ND < 5	9.4	28	26	27	15	31	19	ND < 5				
1,2-Dichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1	ND < 5				
1,4-Dichlorobenzene	75	ND < 5	--	--	--	ND < 5								
1,4-Dioxane	70	--	--	--	--	--	--	--	--	--	--	--	--	--
2-Butanone (MEK)	11800	ND < 50	--	--	--	ND < 10	ND < 50	ND < 50	ND < 50	ND < 50				
Acetone	45600	ND < 50	ND < 25	ND < 25	ND < 25	ND < 20	ND < 50	ND < 50	ND < 50	ND < 50				
Carbon disulfide	4000	ND < 5	ND < 1	ND < 1	ND < 1	ND < 5								
Carbon tetrachloride	10	ND < 5	--	--	--	ND < 5								
Chloroethane	29200	ND < 10	ND < 1	ND < 1	ND < 1	ND < 10								
Chloroform	80	ND < 5	--	--	--	ND < 5								
cis-1,2-Dichloroethene	200	ND < 5	--	--	--	ND < 5								
Ethyl benzene	700	ND < 5	ND < 1	ND < 1	ND < 1	ND < 5								
Freon-11	2000	ND < 5	--	--	--	ND < 5								
Methylcyclohexane	Not Regulated	ND < 5	--	--	--	ND < 5								
Methylene chloride	450	ND < 5	--	--	--	ND < 5								
Styrene	2600	ND < 5	--	--	--	ND < 5								
Tetrachloroethene	98	ND < 5	--	--	--	ND < 5								
Toluene	5200	ND < 5	ND < 1	ND < 1	ND < 1	ND < 5								
trans-1,2-Dichloroethene	160	ND < 5	--	--	--	ND < 5								
Trichloroethene	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	--	ND < 5				
Vinyl chloride	3	ND < 2	--	--	--	ND < 2								
m&p-Xylene	10000	ND < 10	--	--	--	ND < 10								
o-Xylene	10000	ND < 5	--	--	--	ND < 5								
Xylenes (total)	10000	ND < 5	ND < 2	ND < 2	ND < 2	--	--	ND < 5	ND < 5	ND < 5				

Notes:

- 1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
- 2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
- 3)"--" = Compound was not included in the laboratory analysis.
- 4)Detections in excess of Type 3/4 groundwater RRS are shaded.
- 5) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
- 6) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
- 7) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-1
Summary of Concentrations of VOCs and 1,4-Dioxane in Groundwater
2002-2013
Avery Dennison Site
Flowery Branch, Georgia

VOC (µg/L)	Sample ID:	MW-14	MW-14	MW-14	MW-14	MW-14	MW-15D	MW-15D	MW-15D	MW-15D	MW-15D	MW-15D	MW-15D	MW-15D
	Date:	5/19/2007	10/29/2007	10/23/2011	4/22/2012	10/20/2012	7/1/2002	4/21/2003	8/6/2003	11/5/2004	5/19/2005	6/18/2006	10/5/2006	2/18/2007
	Type 3/4 GW RRS													
1,1,1-Trichloroethane	13600	ND < 5	16	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1	ND < 5				
1,1,2-Trichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	--	ND < 5				
1,1-Dichloroethane	4000	ND < 5	22	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1	ND < 5				
1,1-Dichloroethene	520	ND < 5	16	ND < 2	ND < 2	ND < 2	ND < 1	ND < 1	ND < 1	ND < 5				
1,2-Dichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1	ND < 5				
1,4-Dichlorobenzene	75	ND < 5	ND < 5	--	--	--	--	--	--	ND < 5				
1,4-Dioxane	70	--	--	ND < 2	ND < 2	ND < 2	--	--	--	--	--	--	--	--
2-Butanone (MEK)	11800	ND < 50	ND < 50	ND < 10	ND < 10	ND < 10	--	--	--	ND < 10	ND < 50	ND < 50	ND < 50	ND < 50
Acetone	45600	ND < 50	ND < 50	ND < 20	ND < 20	ND < 20	ND < 25	ND < 25	ND < 25	ND < 20	ND < 50	ND < 50	ND < 50	ND < 50
Carbon disulfide	4000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	2	ND < 1	ND < 1	ND < 5				
Carbon tetrachloride	10	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	--	ND < 5				
Chloroethane	29200	ND < 10	ND < 10	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1	ND < 10				
Chloroform	80	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	--	ND < 5				
cis-1,2-Dichloroethene	200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	--	ND < 5				
Ethyl benzene	700	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1	ND < 5				
Freon-11	2000	ND < 5	ND < 5	--	--	--	--	--	--	ND < 5				
Methylcyclohexane	Not Regulated	ND < 5	ND < 5	--	--	--	--	--	--	ND < 5				
Methylene chloride	450	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	--	ND < 5				
Styrene	2600	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	--	ND < 5				
Tetrachloroethene	98	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	--	ND < 5				
Toluene	5200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1	ND < 5				
trans-1,2-Dichloroethene	160	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	--	ND < 5				
Trichloroethene	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	--	ND < 5				
Vinyl chloride	3	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	--	--	--	ND < 2				
m&p-Xylene	10000	ND < 10	ND < 10	--	--	--	--	--	--	ND < 10				
o-Xylene	10000	ND < 5	ND < 5	--	--	--	--	--	--	ND < 5				
Xylenes (total)	10000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 2	ND < 2	ND < 2	--	--	ND < 5	ND < 5	ND < 5

- Notes:
- 1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
 - 2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
 - 3)"--" = Compound was not included in the laboratory analysis.
 - 4)Detections in excess of Type 3/4 groundwater RRS are shaded.
 - 5) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
 - 6) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
 - 7) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-1
Summary of Concentrations of VOCs and 1,4-Dioxane in Groundwater
2002-2013
Avery Dennison Site
Flowery Branch, Georgia

VOC (µg/L)	Sample ID:	MW-15D	MW-15D	MW-15S	MW-15S	MW-15S	MW-15S	MW-15S	MW-15S	MW-15S	MW-16D	MW-16D	MW-16D	MW-16D	MW-16D
	Date:	5/16/2007	3/24/2013	7/1/2002	4/18/2003	8/6/2003	11/5/2004	5/19/2005	3/23/2013	7/1/2002	4/21/2003	8/5/2003	11/4/2004	5/18/2005	
	Type 3/4 GW RRS														
1,1,1-Trichloroethane	13600	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1	ND < 5	ND < 5
1,1,2-Trichloroethane	5	ND < 5	ND < 5	--	--	--	ND < 5	ND < 5	ND < 5	--	--	--	ND < 5	ND < 5	
1,1-Dichloroethane	4000	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1	ND < 5	ND < 5	
1,1-Dichloroethene	520	ND < 5	ND < 2	ND < 1	ND < 1	ND < 1	ND < 5	ND < 5	ND < 2	ND < 1	ND < 1	ND < 1	ND < 5	ND < 5	
1,2-Dichloroethane	5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1	ND < 5	ND < 5	
1,4-Dichlorobenzene	75	ND < 5	--	--	--	--	ND < 5	ND < 5	--	--	--	--	ND < 5	ND < 5	
1,4-Dioxane	70	--	ND < 2	--	--	--	--	--	ND < 2	--	--	--	--	--	
2-Butanone (MEK)	11800	ND < 50	ND < 10	--	--	--	ND < 10	ND < 50	ND < 10	--	--	--	ND < 10	ND < 50	
Acetone	45600	ND < 50	ND < 20	ND < 25	ND < 25	ND < 25	ND < 20	ND < 50	ND < 20	ND < 25	ND < 25	ND < 25	ND < 20	ND < 50	
Carbon disulfide	4000	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1	ND < 5	ND < 5	
Carbon tetrachloride	10	ND < 5	ND < 5	--	--	--	ND < 5	ND < 5	ND < 5	--	--	--	ND < 5	ND < 5	
Chloroethane	29200	ND < 10	ND < 5	ND < 1	ND < 1	ND < 1	ND < 10	ND < 10	ND < 5	ND < 1	ND < 1	ND < 1	ND < 10	ND < 10	
Chloroform	80	ND < 5	ND < 5	--	--	--	ND < 5	ND < 5	ND < 5	--	--	--	ND < 5	ND < 5	
cis-1,2-Dichloroethene	200	ND < 5	ND < 5	--	--	--	ND < 5	ND < 5	ND < 5	--	--	--	ND < 5	ND < 5	
Ethyl benzene	700	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1	ND < 5	ND < 5	
Freon-11	2000	ND < 5	--	--	--	--	ND < 5	ND < 5	--	--	--	--	ND < 5	ND < 5	
Methylcyclohexane	Not Regulated	ND < 5	--	--	--	--	ND < 5	ND < 5	--	--	--	--	ND < 5	ND < 5	
Methylene chloride	450	ND < 5	ND < 5	--	--	--	ND < 5	ND < 5	ND < 5	--	--	--	ND < 5	ND < 5	
Styrene	2600	ND < 5	ND < 5	--	--	--	ND < 5	ND < 5	ND < 5	--	--	--	ND < 5	ND < 5	
Tetrachloroethene	98	ND < 5	ND < 5	--	--	--	ND < 5	ND < 5	ND < 5	--	--	--	ND < 5	ND < 5	
Toluene	5200	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1	ND < 5	ND < 5	
trans-1,2-Dichloroethene	160	ND < 5	ND < 5	--	--	--	ND < 5	ND < 5	ND < 5	--	--	--	ND < 5	ND < 5	
Trichloroethene	5	ND < 5	ND < 5	--	--	--	ND < 5	ND < 5	ND < 5	--	--	--	ND < 5	ND < 5	
Vinyl chloride	3	ND < 2	ND < 2	--	--	--	ND < 2	ND < 2	ND < 2	--	--	--	ND < 2	ND < 2	
m&p-Xylene	10000	ND < 10	--	--	--	--	ND < 10	ND < 10	--	--	--	--	ND < 10	ND < 10	
o-Xylene	10000	ND < 5	--	--	--	--	ND < 5	ND < 5	--	--	--	--	ND < 5	ND < 5	
Xylenes (total)	10000	ND < 5	ND < 5	ND < 2	ND < 2	ND < 2	--	--	ND < 5	ND < 2	ND < 2	ND < 2	--	--	

Notes:

- 1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
- 2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
- 3)"--" = Compound was not included in the laboratory analysis.
- 4)Detections in excess of Type 3/4 groundwater RRS are shaded.
- 5) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
- 6) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
- 7) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-1
Summary of Concentrations of VOCs and 1,4-Dioxane in Groundwater
2002-2013
Avery Dennison Site
Flowery Branch, Georgia

VOC (µg/L)	Sample ID:	MW-16D	MW-16D	MW-16D	MW-16D	MW-16D	MW-16D	MW-16S	MW-16S	MW-16S	MW-16S	MW-16S	MW-16S	MW-16S
	Date:	6/19/2006	10/5/2006	2/19/2007	5/17/2007	3/24/2013	3/24/2013	7/1/2002	4/21/2003	8/5/2003	11/4/2004	5/18/2005	6/19/2006	10/6/2006
	Type 3/4 GW RRS						Duplicate							
1,1,1-Trichloroethane	13600	ND < 5	ND < 1	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5					
1,1,2-Trichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	--	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethane	4000	ND < 5	ND < 1	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5					
1,1-Dichloroethene	520	ND < 5	ND < 5	ND < 5	ND < 5	ND < 2	ND < 2	ND < 1	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5
1,2-Dichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5
1,4-Dichlorobenzene	75	ND < 5	ND < 5	ND < 5	ND < 5	--	--	--	--	--	ND < 5	ND < 5	ND < 5	ND < 5
1,4-Dioxane	70	--	--	--	--	ND < 2	ND < 2	--	--	--	--	--	--	--
2-Butanone (MEK)	11800	ND < 50	ND < 50	ND < 50	ND < 50	ND < 10	ND < 10	--	--	--	ND < 10	ND < 50	ND < 50	ND < 50
Acetone	45600	ND < 50	ND < 50	ND < 50	ND < 50	ND < 20	ND < 20	ND < 25	ND < 25	ND < 25	ND < 20	ND < 50	ND < 50	ND < 50
Carbon disulfide	4000	ND < 5	ND < 1	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5					
Carbon tetrachloride	10	ND < 5	--	--	--	ND < 5	ND < 5	ND < 5	ND < 5					
Chloroethane	29200	ND < 10	ND < 10	ND < 10	ND < 10	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1	ND < 10	ND < 10	ND < 10	ND < 10
Chloroform	80	ND < 5	--	--	--	ND < 5	ND < 5	ND < 5	ND < 5					
cis-1,2-Dichloroethene	200	ND < 5	--	--	--	ND < 5	ND < 5	ND < 5	ND < 5					
Ethyl benzene	700	ND < 5	ND < 1	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5					
Freon-11	2000	ND < 5	ND < 5	ND < 5	ND < 5	--	--	--	--	--	ND < 5	ND < 5	ND < 5	ND < 5
Methylcyclohexane	Not Regulated	ND < 5	ND < 5	ND < 5	ND < 5	--	--	--	--	--	ND < 5	ND < 5	ND < 5	ND < 5
Methylene chloride	450	ND < 5	--	--	--	ND < 5	ND < 5	ND < 5	ND < 5					
Styrene	2600	ND < 5	--	--	--	ND < 5	ND < 5	ND < 5	ND < 5					
Tetrachloroethene	98	ND < 5	--	--	--	ND < 5	ND < 5	ND < 5	ND < 5					
Toluene	5200	ND < 5	ND < 1	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5					
trans-1,2-Dichloroethene	160	ND < 5	--	--	--	ND < 5	ND < 5	ND < 5	ND < 5					
Trichloroethene	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	--	ND < 5	ND < 5	ND < 5	ND < 5
Vinyl chloride	3	ND < 2	--	--	--	ND < 2	ND < 2	ND < 2	ND < 2					
m&p-Xylene	10000	ND < 10	ND < 10	ND < 10	ND < 10	--	--	--	--	--	ND < 10	ND < 10	ND < 10	ND < 10
o-Xylene	10000	ND < 5	ND < 5	ND < 5	ND < 5	--	--	--	--	--	ND < 5	ND < 5	ND < 5	ND < 5
Xylenes (total)	10000	ND < 5	ND < 2	ND < 2	ND < 2	--	--	ND < 5	ND < 5					

Notes:

- 1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
- 2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
- 3)"--" = Compound was not included in the laboratory analysis.
- 4)Detections in excess of Type 3/4 groundwater RRS are shaded.
- 5) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
- 6) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
- 7) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-1
Summary of Concentrations of VOCs and 1,4-Dioxane in Groundwater
2002-2013
Avery Dennison Site
Flowery Branch, Georgia

VOC (µg/L)	Sample ID:	MW-16S	MW-16S	MW-16S	MW-17	MW-17	MW-17	MW-17	MW-17	MW-17	MW-17	MW-17	MW-17	MW-17	MW-17	
	Date:	2/18/2007	5/16/2007	3/24/2013	7/1/2002	4/22/2003	8/5/2003	11/5/2004	5/20/2005	6/23/2006	10/9/2006	2/20/2007	5/18/2007	5/18/2007		
	Type 3/4 GW RRS															Duplicate
1,1,1-Trichloroethane	13600	ND < 5	ND < 5	ND < 5	390	210	220	6.4	60	80	220	51	63	67		
1,1,2-Trichloroethane	5	ND < 5	ND < 5	ND < 5	--	--	--	ND < 5	ND < 5	ND < 5						
1,1-Dichloroethane	4000	ND < 5	ND < 5	ND < 5	180	120	130	6.1	53	96	270	62	85	95		
1,1-Dichloroethene	520	ND < 5	ND < 5	ND < 2	230	130	98	7.1	40	64	200	36	51	57		
1,2-Dichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 10	ND < 10	ND < 10	ND < 5	ND < 5	ND < 5						
1,4-Dichlorobenzene	75	ND < 5	ND < 5	--	--	--	--	ND < 5	ND < 5	ND < 5						
1,4-Dioxane	70	--	--	ND < 2	--	--	--	--	--	--	--	--	--	--	--	--
2-Butanone (MEK)	11800	ND < 50	ND < 50	ND < 10	--	--	--	ND < 10	ND < 50	ND < 50	ND < 50					
Acetone	45600	ND < 50	ND < 50	ND < 20	ND < 250	ND < 250	ND < 250	ND < 20	ND < 50	ND < 50	ND < 50					
Carbon disulfide	4000	ND < 5	ND < 5	ND < 5	ND < 10	ND < 10	ND < 10	ND < 5	ND < 5	ND < 5						
Carbon tetrachloride	10	ND < 5	ND < 5	ND < 5	--	--	--	ND < 5	ND < 5	ND < 5						
Chloroethane	29200	ND < 10	ND < 10	ND < 5	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10
Chloroform	80	ND < 5	ND < 5	ND < 5	--	--	--	ND < 5	ND < 5	ND < 5						
cis-1,2-Dichloroethene	200	ND < 5	ND < 5	ND < 5	--	--	--	ND < 5	ND < 5	ND < 5						
Ethyl benzene	700	ND < 5	ND < 5	ND < 5	ND < 10	ND < 10	ND < 10	ND < 5	ND < 5	ND < 5						
Freon-11	2000	ND < 5	ND < 5	--	--	--	--	ND < 5	ND < 5	ND < 5						
Methylcyclohexane	Not Regulated	ND < 5	ND < 5	--	--	--	--	ND < 5	ND < 5	ND < 5						
Methylene chloride	450	ND < 5	ND < 5	ND < 5	--	--	--	ND < 5	ND < 5	ND < 5						
Styrene	2600	ND < 5	ND < 5	ND < 5	--	--	--	ND < 5	ND < 5	ND < 5						
Tetrachloroethene	98	ND < 5	ND < 5	ND < 5	--	--	--	ND < 5	ND < 5	ND < 5						
Toluene	5200	ND < 5	ND < 5	ND < 5	ND < 10	ND < 10	ND < 10	ND < 5	ND < 5	ND < 5						
trans-1,2-Dichloroethene	160	ND < 5	ND < 5	ND < 5	--	--	--	ND < 5	ND < 5	ND < 5						
Trichloroethene	5	ND < 5	ND < 5	ND < 5	--	--	--	ND < 5	ND < 5	ND < 5						
Vinyl chloride	3	ND < 2	ND < 2	ND < 2	--	--	--	ND < 2	ND < 2	ND < 2						
m&p-Xylene	10000	ND < 10	ND < 10	--	--	--	--	ND < 10	ND < 10	ND < 10						
o-Xylene	10000	ND < 5	ND < 5	--	--	--	--	ND < 5	ND < 5	ND < 5						
Xylenes (total)	10000	ND < 5	ND < 5	ND < 5	ND < 20	ND < 20	ND < 20	--	--	ND < 5	ND < 5	ND < 5				

Notes:

- 1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
- 2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
- 3)"--" = Compound was not included in the laboratory analysis.
- 4)Detections in excess of Type 3/4 groundwater RRS are shaded.
- 5) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
- 6) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
- 7) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-1
Summary of Concentrations of VOCs and 1,4-Dioxane in Groundwater
2002-2013
Avery Dennison Site
Flowery Branch, Georgia

VOC (µg/L)	Sample ID:	MW-17	MW-17	MW-17	MW-17	MW-18D	MW-18D	MW-18D	MW-18D	MW-18D	MW-18D	MW-18D	MW-18D	MW-18D
	Date:	10/29/2007	10/23/2011	4/22/2012	10/20/2012	7/2/2002	4/22/2003	8/1/2003	11/5/2004	11/5/2004	5/21/2005	5/21/2005	6/24/2006	10/9/2006
	Type 3/4 GW RRS									Duplicate	Duplicate			
1,1,1-Trichloroethane	13600	190	14	ND < 5	7	750	1300	1100	1500	1500	970	920	3100	2000
1,1,2-Trichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	--	ND < 5					
1,1-Dichloroethane	4000	220	30	ND < 5	14	ND < 25	26	ND < 1	31	30	21	21	110	72
1,1-Dichloroethene	520	160	17	ND < 2	8	680	1200	650	2300	2200	1100	990	3600	3100
1,2-Dichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 25	ND < 25	2.2	ND < 5	6.6				
1,4-Dichlorobenzene	75	ND < 5	--	--	--	--	--	--	ND < 5					
1,4-Dioxane	70	--	ND < 2	ND < 2	ND < 2	--	--	--	--	--	--	--	--	--
2-Butanone (MEK)	11800	ND < 50	ND < 10	ND < 10	ND < 10	--	--	--	ND < 10	ND < 10	ND < 50	ND < 50	ND < 50	ND < 50
Acetone	45600	ND < 50	ND < 20	ND < 20	ND < 20	ND < 620	ND < 620	ND < 25	ND < 20	ND < 50				
Carbon disulfide	4000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 25	ND < 25	ND < 1	ND < 5					
Carbon tetrachloride	10	ND < 5	ND < 5	ND < 5	ND < 5	--	--	--	ND < 5					
Chloroethane	29200	ND < 10	ND < 5	ND < 5	ND < 5	ND < 25	ND < 25	ND < 1	ND < 10					
Chloroform	80	ND < 5	ND < 5	ND < 5	ND < 5	--	--	--	ND < 5					
cis-1,2-Dichloroethene	200	ND < 5	ND < 5	ND < 5	ND < 5	--	--	--	ND < 5					
Ethyl benzene	700	ND < 5	ND < 5	ND < 5	ND < 5	ND < 25	ND < 25	ND < 25	ND < 5					
Freon-11	2000	ND < 5	--	--	--	--	--	--	5.8	5.5	ND < 5	ND < 5	10	8.5
Methylcyclohexane	Not Regulated	ND < 5	--	--	--	--	--	--	ND < 5					
Methylene chloride	450	ND < 5	ND < 5	ND < 5	ND < 5	--	--	--	ND < 5					
Styrene	2600	ND < 5	ND < 5	ND < 5	ND < 5	--	--	--	ND < 5					
Tetrachloroethene	98	ND < 5	ND < 5	ND < 5	ND < 5	--	--	--	ND < 5					
Toluene	5200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 25	ND < 25	ND < 25.2	ND < 5					
trans-1,2-Dichloroethene	160	ND < 5	ND < 5	ND < 5	ND < 5	--	--	--	ND < 5					
Trichloroethene	5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	--	ND < 5	ND < 5	ND < 5	ND < 5	10	7.9
Vinyl chloride	3	ND < 2	ND < 2	ND < 2	ND < 2	--	--	--	ND < 2					
m&p-Xylene	10000	ND < 10	--	--	--	--	--	--	ND < 10					
o-Xylene	10000	ND < 5	--	--	--	--	--	--	ND < 5					
Xylenes (total)	10000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 50	ND < 50	ND < 50	--	--	--	--	ND < 5	ND < 5

- Notes:
- 1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
 - 2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
 - 3)"--" = Compound was not included in the laboratory analysis.
 - 4)Detections in excess of Type 3/4 groundwater RRS are shaded.
 - 5) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
 - 6) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
 - 7) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-1
Summary of Concentrations of VOCs and 1,4-Dioxane in Groundwater
2002-2013
Avery Dennison Site
Flowery Branch, Georgia

VOC (µg/L)	Sample ID:	MW-18D	MW-18D	MW-18D	MW-18D	MW-18D	MW-18D	MW-18D	MW-18D	MW-18S	MW-18S	MW-18S	MW-18S	MW-18S
	Date:	2/21/2007	5/19/2007	10/27/2007	6/4/2009	10/14/2009	10/24/2011	4/22/2012	10/18/2012	7/1/2002	4/22/2003	8/1/2003	11/5/2004	5/17/2005
	Type 3/4 GW RRS													
1,1,1-Trichloroethane	13600	2600	2100	1400	510	545	130	160	85	1.7	ND < 1	ND < 1	ND < 5	ND < 5
1,1,2-Trichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 10	ND < 1	ND < 5	ND < 5	ND < 5	--	--	--	ND < 5	ND < 5
1,1-Dichloroethane	4000	89	44	270	37	28.5	19	29	21	11	3.4	3.9	ND < 5	ND < 5
1,1-Dichloroethene	520	3500	4100	3000	1300	1190	340	290	270	12	3.2	2.3	ND < 5	ND < 5
1,2-Dichloroethane	5	6.8	ND < 5	5.6	ND < 10	2.1	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1	ND < 5	ND < 5
1,4-Dichlorobenzene	75	ND < 5	ND < 5	ND < 5	ND < 10	ND < 1	--	--	--	--	--	--	ND < 5	ND < 5
1,4-Dioxane	70	--	--	--	ND < 600	ND < 150	4.7	4.8	2.9	--	--	--	--	--
2-Butanone (MEK)	11800	ND < 50	ND < 50	ND < 50	ND < 50	ND < 5	ND < 10	ND < 10	ND < 10	--	--	--	ND < 10	ND < 50
Acetone	45600	ND < 50	ND < 50	ND < 50	ND < 50	ND < 25	ND < 20	ND < 20	ND < 20	ND < 25	ND < 25	ND < 25	ND < 20	ND < 50
Carbon disulfide	4000	ND < 5	ND < 5	ND < 5	ND < 50	--	ND < 5	ND < 5	ND < 5	1	ND < 1	ND < 1	ND < 5	ND < 5
Carbon tetrachloride	10	ND < 5	ND < 5	ND < 5	ND < 10	ND < 1	ND < 5	ND < 5	ND < 5	--	--	--	ND < 5	ND < 5
Chloroethane	29200	ND < 10	ND < 10	34	62	ND < 1	5	ND < 5	ND < 5	11	3	2.9	ND < 10	ND < 10
Chloroform	80	ND < 5	ND < 5	ND < 5	ND < 10	ND < 1	ND < 5	ND < 5	ND < 5	--	--	--	ND < 5	ND < 5
cis-1,2-Dichloroethene	200	ND < 5	ND < 5	ND < 5	ND < 10	ND < 1	ND < 5	ND < 5	ND < 5	--	--	--	ND < 5	ND < 5
Ethyl benzene	700	ND < 5	ND < 5	ND < 5	ND < 10	ND < 1	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1	ND < 5	ND < 5
Freon-11	2000	9.4	ND < 5	7.1	ND < 10	2.3	--	--	--	--	--	--	ND < 5	ND < 5
Methylcyclohexane	Not Regulated	ND < 5	ND < 5	ND < 5	--	--	--	--	--	--	--	--	ND < 5	ND < 5
Methylene chloride	450	ND < 5	ND < 5	ND < 5	ND < 10	ND < 2	ND < 5	ND < 5	ND < 5	--	--	--	ND < 5	ND < 5
Styrene	2600	ND < 5	ND < 5	ND < 5	ND < 10	ND < 1	ND < 5	ND < 5	ND < 5	--	--	--	ND < 5	ND < 5
Tetrachloroethene	98	ND < 5	ND < 5	ND < 5	ND < 10	4.6	ND < 5	ND < 5	ND < 5	--	--	--	ND < 5	ND < 5
Toluene	5200	ND < 5	ND < 5	ND < 5	ND < 10	ND < 1	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1	ND < 5	ND < 5
trans-1,2-Dichloroethene	160	ND < 5	ND < 5	ND < 5	ND < 10	ND < 1	ND < 5	ND < 5	ND < 5	--	--	--	ND < 5	ND < 5
Trichloroethene	5	8.4	8.4	6.4	ND < 10	2.7	ND < 5	ND < 5	ND < 5	--	--	--	ND < 5	ND < 5
Vinyl chloride	3	ND < 2	ND < 2	ND < 2	ND < 10	ND < 1	ND < 2	ND < 2	ND < 2	--	--	--	ND < 2	ND < 2
m&p-Xylene	10000	ND < 10	ND < 10	ND < 10	ND < 20	ND < 2	--	--	--	--	--	--	ND < 10	ND < 10
o-Xylene	10000	ND < 5	ND < 5	ND < 5	ND < 10	ND < 1	--	--	--	--	--	--	ND < 5	ND < 5
Xylenes (total)	10000	ND < 5	ND < 5	ND < 5	ND < 10	--	ND < 5	ND < 5	ND < 5	ND < 2	ND < 2	ND < 2	--	--

Notes:

- 1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
- 2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
- 3) "--" = Compound was not included in the laboratory analysis.
- 4) Detections in excess of Type 3/4 groundwater RRS are shaded.
- 5) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
- 6) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
- 7) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-1
Summary of Concentrations of VOCs and 1,4-Dioxane in Groundwater
2002-2013
Avery Dennison Site
Flowery Branch, Georgia

VOC (µg/L)	Sample ID:	MW-18S	MW-18S	MW-18S	MW-18S	MW-18S	MW-18S	MW-18S	MW-18S	MW-18S	MW-19D	MW-19D	MW-19D	MW-19D	MW-19D
	Date:	6/20/2006	10/6/2006	2/21/2007	5/18/2007	10/29/2007	10/22/2011	4/22/2012	10/18/2012	7/2/2002	4/22/2003	8/5/2003	11/6/2004	11/6/2004	
	Type 3/4 GW RRS														Duplicate
1,1,1-Trichloroethane	13600	ND < 5	12	ND < 5	ND < 5	25	ND < 5	ND < 5	ND < 5	ND < 5	5.1	5.1	5.6	5.5	
1,1,2-Trichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	--	ND < 5	ND < 5	
1,1-Dichloroethane	4000	ND < 5	8.1	ND < 5	ND < 5	7.3	ND < 5	ND < 5	ND < 5	52	47	48	160	150	
1,1-Dichloroethene	520	ND < 5	26	ND < 5	ND < 5	38	4	ND < 2	ND < 2	130	130	98	500	500	
1,2-Dichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	
1,4-Dichlorobenzene	75	ND < 5	--	--	--	--	--	--	ND < 5	ND < 5					
1,4-Dioxane	70	--	--	--	--	--	4.5	ND < 2	ND < 2	--	--	--	--	--	
2-Butanone (MEK)	11800	ND < 50	ND < 10	ND < 10	ND < 10	--	--	--	ND < 10	ND < 10					
Acetone	45600	ND < 50	ND < 20	ND < 20	ND < 20	ND < 120	ND < 120	ND < 120	ND < 20	ND < 20					
Carbon disulfide	4000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5					
Carbon tetrachloride	10	ND < 5	ND < 5	ND < 5	ND < 5	--	--	--	ND < 5	ND < 5					
Chloroethane	29200	ND < 10	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 10	ND < 10					
Chloroform	80	ND < 5	ND < 5	ND < 5	ND < 5	--	--	--	ND < 5	ND < 5					
cis-1,2-Dichloroethene	200	ND < 5	ND < 5	ND < 5	ND < 5	--	--	--	ND < 5	ND < 5					
Ethyl benzene	700	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5					
Freon-11	2000	ND < 5	--	--	--	--	--	--	ND < 5	ND < 5					
Methylcyclohexane	Not Regulated	ND < 5	--	--	--	--	--	--	ND < 5	ND < 5					
Methylene chloride	450	ND < 5	ND < 5	ND < 5	ND < 5	--	--	--	ND < 5	ND < 5					
Styrene	2600	ND < 5	ND < 5	ND < 5	ND < 5	--	--	--	ND < 5	ND < 5					
Tetrachloroethene	98	ND < 5	ND < 5	ND < 5	ND < 5	--	--	--	ND < 5	ND < 5					
Toluene	5200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5.2	ND < 5	ND < 5					
trans-1,2-Dichloroethene	160	ND < 5	ND < 5	ND < 5	ND < 5	--	--	--	ND < 5	ND < 5					
Trichloroethene	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	--	ND < 5	ND < 5	
Vinyl chloride	3	ND < 2	ND < 2	ND < 2	ND < 2	--	--	--	ND < 2	ND < 2					
m&p-Xylene	10000	ND < 10	--	--	--	--	--	--	ND < 10	ND < 10					
o-Xylene	10000	ND < 5	--	--	--	--	--	--	ND < 5	ND < 5					
Xylenes (total)	10000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 12	ND < 10	ND < 10	--	--					

- Notes:
- 1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
 - 2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
 - 3)"--" = Compound was not included in the laboratory analysis.
 - 4)Detections in excess of Type 3/4 groundwater RRS are shaded.
 - 5) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
 - 6) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
 - 7) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-1
Summary of Concentrations of VOCs and 1,4-Dioxane in Groundwater
2002-2013
Avery Dennison Site
Flowery Branch, Georgia

VOC (µg/L)	Sample ID:	MW-19D	MW-19D	MW-19D	MW-19D	MW-19D	MW-19D	MW-19D	MW-19D	MW-19D	MW-19D	MW-19D	MW-19S	MW-19S
	Date:	5/20/2005	6/22/2006	10/7/2006	2/20/2007	5/19/2007	10/27/2007	6/8/2009	10/14/2009	10/18/2011	4/25/2012	10/18/2012	7/1/2002	4/22/2003
	Type 3/4 GW RRS													
1,1,1-Trichloroethane	13600	9.5	34	37	69	17	ND < 5	19.7	14.8	6	ND < 5	ND < 5	ND < 1	ND < 1
1,1,2-Trichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	--	--
1,1-Dichloroethane	4000	110	450	450	440	430	220	85.1	66.8	73	58	28	1.3	ND < 1
1,1-Dichloroethene	520	430	2300	2700	2300	2200	1200	368	343	370	270	200	ND < 1	1.2
1,2-Dichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
1,4-Dichlorobenzene	75	ND < 5	ND < 1	ND < 1	--	--	--	--	--					
1,4-Dioxane	70	--	--	--	--	--	--	ND < 150	ND < 150	6.3	6	2.4	--	--
2-Butanone (MEK)	11800	ND < 50	ND < 5	ND < 5	ND < 10	ND < 10	ND < 10	--	--					
Acetone	45600	ND < 50	ND < 25	ND < 25	ND < 20	ND < 20	ND < 20	ND < 25	ND < 25					
Carbon disulfide	4000	ND < 5	--	--	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1					
Carbon tetrachloride	10	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	--	--					
Chloroethane	29200	ND < 10	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1					
Chloroform	80	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	--	--					
cis-1,2-Dichloroethene	200	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	--	--					
Ethyl benzene	700	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1					
Freon-11	2000	ND < 5	ND < 1	ND < 1	--	--	--	--	--					
Methylcyclohexane	Not Regulated	ND < 5	--	--	--	--	--	--	--					
Methylene chloride	450	ND < 5	ND < 2	ND < 2	ND < 5	ND < 5	ND < 5	--	--					
Styrene	2600	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	--	--					
Tetrachloroethene	98	ND < 5	ND < 5	ND < 5	ND < 5	7	ND < 5	ND < 1	4.4	ND < 5	ND < 5	ND < 5	--	--
Toluene	5200	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1					
trans-1,2-Dichloroethene	160	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	--	--					
Trichloroethene	5	ND < 5	5.6	5.1	5.4	ND < 5	ND < 5	1.1	ND < 1	ND < 5	ND < 5	ND < 5	--	--
Vinyl chloride	3	ND < 2	4.2	3.7	ND < 2	3.2	3.5	ND < 1	ND < 1	ND < 2	ND < 2	ND < 2	--	--
m&p-Xylene	10000	ND < 10	ND < 2	ND < 2	--	--	--	--	--					
o-Xylene	10000	ND < 5	ND < 1	ND < 1	--	--	--	--	--					
Xylenes (total)	10000	--	ND < 5	--	--	ND < 5	ND < 5	ND < 5	ND < 2	ND < 2				

Notes:

- 1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
- 2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
- 3)"--" = Compound was not included in the laboratory analysis.
- 4)Detections in excess of Type 3/4 groundwater RRS are shaded.
- 5) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
- 6) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
- 7) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-1
Summary of Concentrations of VOCs and 1,4-Dioxane in Groundwater
2002-2013
Avery Dennison Site
Flowery Branch, Georgia

VOC (µg/L)	Sample ID:	MW-19S	MW-19S	MW-19S	MW-19S	MW-19S	MW-19S	MW-19S	MW-19S	MW-19S	MW-19S	MW-19S	MW-20D	MW-20D	
	Date:	8/5/2003	11/7/2004	5/17/2005	6/22/2006	10/7/2006	2/19/2007	5/17/2007	10/28/2007	10/18/2011	4/24/2012	10/18/2012	7/2/2002	4/22/2003	
	Type 3/4 GW RRS														
1,1,1-Trichloroethane	13600	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1						
1,1,2-Trichloroethane	5	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--						
1,1-Dichloroethane	4000	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1						
1,1-Dichloroethene	520	ND < 1	ND < 5	ND < 5	ND < 2	ND < 2	ND < 2	ND < 1	ND < 1						
1,2-Dichloroethane	5	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1						
1,4-Dichlorobenzene	75	--	ND < 5	--	--	--	--	--	--						
1,4-Dioxane	70	--	--	--	--	--	--	--	--	ND < 2	ND < 2	ND < 2	--	--	--
2-Butanone (MEK)	11800	--	ND < 10	ND < 50	ND < 10	ND < 10	ND < 10	--	--	--					
Acetone	45600	ND < 25	ND < 20	ND < 50	ND < 20	ND < 20	ND < 20	ND < 25	ND < 25	ND < 25					
Carbon disulfide	4000	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1						
Carbon tetrachloride	10	--	ND < 5	ND < 5	ND < 5	ND < 5	--	--	--						
Chloroethane	29200	ND < 1	ND < 10	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1						
Chloroform	80	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--						
cis-1,2-Dichloroethene	200	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--						
Ethyl benzene	700	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1						
Freon-11	2000	--	ND < 5	--	--	--	--	--	--						
Methylcyclohexane	Not Regulated	--	ND < 5	--	--	--	--	--	--						
Methylene chloride	450	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--						
Styrene	2600	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--						
Tetrachloroethene	98	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--						
Toluene	5200	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1						
trans-1,2-Dichloroethene	160	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--						
Trichloroethene	5	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--						
Vinyl chloride	3	--	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	--	--						
m&p-Xylene	10000	--	ND < 10	--	--	--	--	--	--						
o-Xylene	10000	--	ND < 5	--	--	--	--	--	--						
Xylenes (total)	10000	ND < 2	--	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 2	ND < 2				

Notes:

- 1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
- 2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
- 3)"--" = Compound was not included in the laboratory analysis.
- 4)Detections in excess of Type 3/4 groundwater RRS are shaded.
- 5) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
- 6) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
- 7) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-1
Summary of Concentrations of VOCs and 1,4-Dioxane in Groundwater
2002-2013
Avery Dennison Site
Flowery Branch, Georgia

VOC (µg/L)	Sample ID:	MW-20D	MW-20D	MW-20D	MW-20D	MW-20D	MW-20D							
	Date:	7/31/2003	11/7/2004	5/17/2005	6/21/2006	10/8/2006	2/20/2007	5/18/2007	10/28/2007	6/3/2009	10/19/2009	5/26/2010	11/3/2010	2/7/2011
	Type 3/4 GW RRS													
1,1,1-Trichloroethane	13600	ND < 1	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5						
1,1,2-Trichloroethane	5	--	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5						
1,1-Dichloroethane	4000	ND < 1	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5						
1,1-Dichloroethene	520	ND < 1	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 2						
1,2-Dichloroethane	5	ND < 1	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5						
1,4-Dichlorobenzene	75	--	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	--						
1,4-Dioxane	70	--	--	--	--	--	--	--	--	ND < 60	ND < 150	ND < 250	ND < 250	ND < 250
2-Butanone (MEK)	11800	--	ND < 10	ND < 50	ND < 50	ND < 5	ND < 5	ND < 10	ND < 10					
Acetone	45600	ND < 25	ND < 20	ND < 50	ND < 50	ND < 5	ND < 25	ND < 20	ND < 20					
Carbon disulfide	4000	ND < 1	ND < 5	ND < 5	ND < 5	--	ND < 5	ND < 5						
Carbon tetrachloride	10	--	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5						
Chloroethane	29200	ND < 1	ND < 10	ND < 10	ND < 1	ND < 1	ND < 5	ND < 5						
Chloroform	80	--	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5						
cis-1,2-Dichloroethene	200	--	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5						
Ethyl benzene	700	ND < 1	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5						
Freon-11	2000	--	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	--						
Methylcyclohexane	Not Regulated	--	ND < 5	ND < 5	--	--	ND < 5	--						
Methylene chloride	450	--	ND < 5	ND < 5	ND < 1	ND < 2	ND < 5	ND < 5						
Styrene	2600	--	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5						
Tetrachloroethene	98	--	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5						
Toluene	5200	ND < 1	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5						
trans-1,2-Dichloroethene	160	--	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5						
Trichloroethene	5	--	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5						
Vinyl chloride	3	--	ND < 2	ND < 2	ND < 1	ND < 1	ND < 2	ND < 2						
m&p-Xylene	10000	--	ND < 10	ND < 10	ND < 2	ND < 2	--	--						
o-Xylene	10000	--	ND < 5	ND < 5	ND < 1	ND < 1	--	--						
Xylenes (total)	10000	ND < 2	--	--	ND < 5	ND < 5	ND < 1	--	ND < 5	ND < 5				

- Notes:
- 1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
 - 2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
 - 3)"--" = Compound was not included in the laboratory analysis.
 - 4)Detections in excess of Type 3/4 groundwater RRS are shaded.
 - 5) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
 - 6) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
 - 7) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-1
Summary of Concentrations of VOCs and 1,4-Dioxane in Groundwater
2002-2013
Avery Dennison Site
Flowery Branch, Georgia

VOC (µg/L)	Sample ID:	MW-20D	MW-20D	MW-20D	MW-20S	MW-20S	MW-20S	MW-20S	MW-20S	MW-20S	MW-20S	MW-20S	MW-20S	MW-21
	Date:	10/23/2011	4/25/2012	10/21/2012	7/1/2002	4/22/2003	7/31/2003	11/7/2004	5/17/2005	10/28/2007	10/22/2011	4/25/2012	10/18/2012	7/1/2002
	Type 3/4 GW RRS													
1,1,1-Trichloroethane	13600	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1
1,1,2-Trichloroethane	5	ND < 5	ND < 5	ND < 5	--	--	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--
1,1-Dichloroethane	4000	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1
1,1-Dichloroethene	520	ND < 2	ND < 2	ND < 2	ND < 1	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 2	ND < 2	ND < 2	ND < 1
1,2-Dichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1
1,4-Dichlorobenzene	75	--	--	--	--	--	--	ND < 5	ND < 5	ND < 5	--	--	--	--
1,4-Dioxane	70	ND < 2	ND < 2	ND < 2	--	--	--	--	--	--	ND < 2	ND < 2	ND < 2	--
2-Butanone (MEK)	11800	ND < 10	ND < 10	ND < 10	--	--	--	ND < 10	ND < 50	ND < 50	ND < 10	ND < 10	ND < 10	--
Acetone	45600	ND < 20	ND < 20	ND < 20	ND < 25	ND < 25	ND < 25	ND < 20	ND < 50	ND < 50	ND < 20	ND < 20	ND < 20	ND < 25
Carbon disulfide	4000	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1
Carbon tetrachloride	10	ND < 5	ND < 5	ND < 5	--	--	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--
Chloroethane	29200	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1	ND < 10	ND < 10	ND < 10	ND < 5	ND < 5	ND < 5	ND < 1
Chloroform	80	ND < 5	ND < 5	ND < 5	--	--	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--
cis-1,2-Dichloroethene	200	ND < 5	ND < 5	ND < 5	--	--	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--
Ethyl benzene	700	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1
Freon-11	2000	--	--	--	--	--	--	ND < 5	ND < 5	ND < 5	--	--	--	--
Methylcyclohexane	Not Regulated	--	--	--	--	--	--	ND < 5	ND < 5	ND < 5	--	--	--	--
Methylene chloride	450	ND < 5	ND < 5	ND < 5	--	--	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--
Styrene	2600	ND < 5	ND < 5	ND < 5	--	--	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--
Tetrachloroethene	98	ND < 5	ND < 5	ND < 5	--	--	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--
Toluene	5200	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1
trans-1,2-Dichloroethene	160	ND < 5	ND < 5	ND < 5	--	--	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--
Trichloroethene	5	ND < 5	ND < 5	ND < 5	--	--	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--
Vinyl chloride	3	ND < 2	ND < 2	ND < 2	--	--	--	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	--
m&p-Xylene	10000	--	--	--	--	--	--	ND < 10	ND < 10	ND < 10	--	--	--	--
o-Xylene	10000	--	--	--	--	--	--	ND < 5	ND < 5	ND < 5	--	--	--	--
Xylenes (total)	10000	ND < 5	ND < 5	ND < 5	ND < 2	ND < 2	ND < 2	--	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 2

- Notes:
- 1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
 - 2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
 - 3)"--" = Compound was not included in the laboratory analysis.
 - 4)Detections in excess of Type 3/4 groundwater RRS are shaded.
 - 5) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
 - 6) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
 - 7) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-1
Summary of Concentrations of VOCs and 1,4-Dioxane in Groundwater
2002-2013
Avery Dennison Site
Flowery Branch, Georgia

VOC (µg/L)	Sample ID:	MW-21	MW-21	MW-21	MW-21	MW-22	MW-22	MW-22	MW-22	MW-22	MW-22	MW-22	MW-22	MW-22
	Date:	4/17/2003	8/5/2003	11/7/2004	5/17/2005	5/7/2002	4/18/2003	8/4/2003	11/3/2004	5/17/2005	6/18/2006	10/4/2006	2/17/2007	5/15/2007
	Type 3/4 GW RRS													
1,1,1-Trichloroethane	13600	ND < 1	ND < 1	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1	ND < 5					
1,1,2-Trichloroethane	5	--	--	ND < 5	ND < 5	--	--	--	ND < 5					
1,1-Dichloroethane	4000	ND < 1	ND < 1	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1	ND < 5					
1,1-Dichloroethene	520	ND < 1	ND < 1	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1	ND < 5					
1,2-Dichloroethane	5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1	ND < 5					
1,4-Dichlorobenzene	75	--	--	ND < 5	ND < 5	--	--	--	ND < 5					
1,4-Dioxane	70	--	--	--	--	--	--	--	--	--	--	--	--	--
2-Butanone (MEK)	11800	--	--	ND < 10	ND < 50	--	--	--	ND < 10	ND < 50				
Acetone	45600	ND < 25	ND < 25	ND < 20	ND < 50	ND < 25	ND < 25	ND < 25	ND < 20	ND < 50				
Carbon disulfide	4000	ND < 1	ND < 1	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1	ND < 5					
Carbon tetrachloride	10	--	--	ND < 5	ND < 5	--	--	--	ND < 5					
Chloroethane	29200	ND < 1	ND < 1	ND < 10	ND < 10	ND < 1	ND < 1	ND < 1	ND < 10					
Chloroform	80	--	--	ND < 5	ND < 5	--	--	--	ND < 5					
cis-1,2-Dichloroethene	200	--	--	ND < 5	ND < 5	--	--	--	ND < 5					
Ethyl benzene	700	ND < 1	ND < 1	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1	ND < 5					
Freon-11	2000	--	--	ND < 5	ND < 5	--	--	--	ND < 5					
Methylcyclohexane	Not Regulated	--	--	ND < 5	ND < 5	--	--	--	ND < 5					
Methylene chloride	450	--	--	ND < 5	ND < 5	--	--	--	ND < 5					
Styrene	2600	--	--	ND < 5	ND < 5	--	--	--	ND < 5					
Tetrachloroethene	98	--	--	ND < 5	ND < 5	--	--	--	ND < 5					
Toluene	5200	ND < 1	ND < 1	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1	ND < 5					
trans-1,2-Dichloroethene	160	--	--	ND < 5	ND < 5	--	--	--	ND < 5					
Trichloroethene	5	--	--	ND < 5	ND < 5	--	--	--	ND < 5					
Vinyl chloride	3	--	--	ND < 2	ND < 2	--	--	--	ND < 2					
m&p-Xylene	10000	--	--	ND < 10	ND < 10	--	--	--	ND < 10					
o-Xylene	10000	--	--	ND < 5	ND < 5	--	--	--	ND < 5					
Xylenes (total)	10000	ND < 2	ND < 2	--	--	ND < 2	ND < 2	ND < 2	ND < 5	--	ND < 5	ND < 5	ND < 5	ND < 5

- Notes:
- 1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
 - 2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
 - 3)"--" = Compound was not included in the laboratory analysis.
 - 4)Detections in excess of Type 3/4 groundwater RRS are shaded.
 - 5) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
 - 6) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
 - 7) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-1
Summary of Concentrations of VOCs and 1,4-Dioxane in Groundwater
2002-2013
Avery Dennison Site
Flowery Branch, Georgia

VOC (µg/L)	Sample ID:	MW-22	MW-23	MW-23	MW-23	MW-23	MW-23	MW-23	MW-23	MW-23	MW-23	MW-23	MW-23	MW-23
	Date:	10/24/2007	5/13/2003	8/4/2003	11/4/2004	5/20/2005	6/23/2006	10/7/2006	2/21/2007	5/17/2007	10/25/2007	6/10/2009	10/16/2009	5/26/2010
	Type 3/4 GW RRS													
1,1,1-Trichloroethane	13600	ND < 5	1.9	ND < 1	ND < 5	ND < 1	ND < 1	ND < 5						
1,1,2-Trichloroethane	5	ND < 5	--	--	ND < 5	ND < 1	ND < 1	ND < 5						
1,1-Dichloroethane	4000	ND < 5	65	8.8	120	45	9.1	29	ND < 5	ND < 5	55	ND < 1	2.5	ND < 5
1,1-Dichloroethene	520	ND < 5	290	33	780	210	61	170	ND < 5	43	290	1.7	11.8	ND < 5
1,2-Dichloroethane	5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 1	ND < 1	ND < 5						
1,4-Dichlorobenzene	75	ND < 5	--	--	ND < 5	ND < 1	ND < 1	ND < 5						
1,4-Dioxane	70	--	--	--	--	--	--	--	--	--	--	ND < 150	ND < 150	ND < 250
2-Butanone (MEK)	11800	ND < 50	--	--	ND < 10	ND < 50	ND < 5	ND < 5	ND < 10					
Acetone	45600	ND < 50	ND < 25	ND < 25	ND < 20	ND < 50	ND < 25	ND < 25	ND < 20					
Carbon disulfide	4000	ND < 5	1.1	ND < 1	ND < 5	--	--	ND < 5						
Carbon tetrachloride	10	ND < 5	--	--	ND < 5	ND < 1	ND < 1	ND < 5						
Chloroethane	29200	ND < 10	5.3	ND < 1	ND < 10	11	ND < 1	ND < 1	ND < 5					
Chloroform	80	ND < 5	--	--	ND < 5	ND < 1	ND < 1	ND < 5						
cis-1,2-Dichloroethene	200	ND < 5	--	--	ND < 5	ND < 1	ND < 1	ND < 5						
Ethyl benzene	700	ND < 5	ND < 1	ND < 1	ND < 5	ND < 1	ND < 1	ND < 5						
Freon-11	2000	ND < 5	--	--	ND < 5	ND < 1	ND < 1	ND < 5						
Methylcyclohexane	Not Regulated	ND < 5	--	--	ND < 5	--	--	ND < 5						
Methylene chloride	450	ND < 5	--	--	ND < 5	ND < 2	ND < 2	ND < 5						
Styrene	2600	ND < 5	--	--	ND < 5	ND < 1	ND < 1	ND < 5						
Tetrachloroethene	98	ND < 5	--	--	ND < 5	ND < 1	ND < 1	ND < 5						
Toluene	5200	ND < 5	ND < 1	ND < 1	ND < 5	ND < 1	ND < 1	ND < 5						
trans-1,2-Dichloroethene	160	ND < 5	--	--	ND < 5	ND < 1	ND < 1	ND < 5						
Trichloroethene	5	ND < 5	--	--	ND < 5	ND < 1	ND < 1	ND < 5						
Vinyl chloride	3	ND < 2	--	--	16	8.9	7.7	6.9	ND < 2	5.3	23	ND < 1	9.5	ND < 2
m&p-Xylene	10000	ND < 10	--	--	ND < 10	ND < 2	ND < 2	--						
o-Xylene	10000	ND < 5	--	--	ND < 5	ND < 1	ND < 1	--						
Xylenes (total)	10000	ND < 5	ND < 2	ND < 2	--	--	ND < 5	--	--	ND < 5				

- Notes:
- 1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
 - 2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
 - 3)"--" = Compound was not included in the laboratory analysis.
 - 4)Detections in excess of Type 3/4 groundwater RRS are shaded.
 - 5) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
 - 6) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
 - 7) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-1
Summary of Concentrations of VOCs and 1,4-Dioxane in Groundwater
2002-2013
Avery Dennison Site
Flowery Branch, Georgia

VOC (µg/L)	Sample ID:	MW-23	MW-23	MW-23	MW-23	MW-23	MW-23	MW-23	MW-23	MW-24	MW-24	MW-24	MW-24	MW-24	MW-25D
	Date:	11/4/2010	2/8/2011	10/25/2011	4/18/2012	10/18/2012	4/30/2013	11/14/2013	5/13/2003	8/5/2003	11/5/2004	5/18/2005	3/24/2013	11/7/2004	
	Type 3/4 GW RRS														
1,1,1-Trichloroethane	13600	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5
1,1,2-Trichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethane	4000	8	ND < 5	6	ND < 5	25	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethene	520	37	ND < 2	11	ND < 2	13	ND < 2	ND < 2	ND < 1	ND < 1	ND < 1	ND < 5	ND < 5	ND < 2	ND < 5
1,2-Dichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5
1,4-Dichlorobenzene	75	--	--	--	--	--	--	--	--	--	--	ND < 5	ND < 5	--	ND < 5
1,4-Dioxane	70	ND < 250	ND < 250	28	ND < 2	24	ND < 2	ND < 2	ND < 2	--	--	--	--	ND < 2	--
2-Butanone (MEK)	11800	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	--	--	ND < 10	ND < 50	ND < 10	ND < 10
Acetone	45600	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20	ND < 25	ND < 25	ND < 20	ND < 50	ND < 20	ND < 20
Carbon disulfide	4000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5
Carbon tetrachloride	10	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5	ND < 5	ND < 5
Chloroethane	29200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 10	ND < 10	ND < 5	ND < 10
Chloroform	80	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5	ND < 5	ND < 5
cis-1,2-Dichloroethene	200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5	ND < 5	ND < 5
Ethyl benzene	700	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5
Freon-11	2000	--	--	--	--	--	--	--	--	--	--	ND < 5	ND < 5	--	ND < 5
Methylcyclohexane	Not Regulated	--	--	--	--	--	--	--	--	--	--	ND < 5	ND < 5	--	ND < 5
Methylene chloride	450	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5	ND < 5	ND < 5
Styrene	2600	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5	ND < 5	ND < 5
Tetrachloroethene	98	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5	ND < 5	ND < 5
Toluene	5200	ND < 5	ND < 5	9	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5
trans-1,2-Dichloroethene	160	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5	ND < 5	ND < 5
Trichloroethene	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5	ND < 5	ND < 5
Vinyl chloride	3	13	ND < 2	12	ND < 2	22	ND < 2	ND < 2	ND < 2	--	--	ND < 2	ND < 2	ND < 2	ND < 2
m&p-Xylene	10000	--	--	--	--	--	--	--	--	--	--	ND < 10	ND < 10	--	ND < 10
o-Xylene	10000	--	--	--	--	--	--	--	--	--	--	ND < 5	ND < 5	--	ND < 5
Xylenes (total)	10000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 2	ND < 2	--	--	ND < 5	--

- Notes:
- 1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
 - 2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
 - 3) "--" = Compound was not included in the laboratory analysis.
 - 4) Detections in excess of Type 3/4 groundwater RRS are shaded.
 - 5) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
 - 6) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
 - 7) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-1
Summary of Concentrations of VOCs and 1,4-Dioxane in Groundwater
2002-2013
Avery Dennison Site
Flowery Branch, Georgia

VOC (µg/L)	Sample ID:	MW-25D	MW-25D	MW-25D	MW-25D	MW-25D	MW-25D	MW-25D	MW-25D	MW-25D	MW-25DRX	MW-25DRX	MW-25DRX	MW-25DRX
	Date:	5/18/2005	6/24/2006	10/7/2006	2/20/2007	5/17/2007	10/26/2007	10/26/2011	4/24/2012	10/23/2012	5/14/2003	8/1/2003	11/6/2004	5/17/2005
	Type 3/4 GW RRS													
1,1,1-Trichloroethane	13600	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5					
1,1,2-Trichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5
1,1-Dichloroethane	4000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5					
1,1-Dichloroethene	520	ND < 5	ND < 2	ND < 2	ND < 2	ND < 1	ND < 1	ND < 5	ND < 5					
1,2-Dichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5
1,4-Dichlorobenzene	75	ND < 5	--	--	--	--	--	ND < 5	ND < 5					
1,4-Dioxane	70	--	--	--	--	--	--	ND < 2	ND < 2	ND < 2	--	--	--	--
2-Butanone (MEK)	11800	ND < 50	ND < 10	ND < 10	ND < 10	--	--	ND < 10	ND < 50					
Acetone	45600	ND < 50	ND < 20	ND < 20	ND < 20	ND < 25	ND < 25	ND < 20	ND < 50					
Carbon disulfide	4000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5					
Carbon tetrachloride	10	ND < 5	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5					
Chloroethane	29200	ND < 10	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 10	ND < 10					
Chloroform	80	ND < 5	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5					
cis-1,2-Dichloroethene	200	ND < 5	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5					
Ethyl benzene	700	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5					
Freon-11	2000	ND < 5	--	--	--	--	--	ND < 5	ND < 5					
Methylcyclohexane	Not Regulated	ND < 5	--	--	--	--	--	ND < 5	ND < 5					
Methylene chloride	450	ND < 5	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5					
Styrene	2600	ND < 5	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5					
Tetrachloroethene	98	ND < 5	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5					
Toluene	5200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5					
trans-1,2-Dichloroethene	160	ND < 5	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5					
Trichloroethene	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5
Vinyl chloride	3	ND < 2	ND < 2	ND < 2	ND < 2	--	--	ND < 2	ND < 2					
m&p-Xylene	10000	ND < 10	--	--	--	--	--	ND < 10	ND < 10					
o-Xylene	10000	ND < 5	--	--	--	--	--	ND < 5	ND < 5					
Xylenes (total)	10000	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 2	ND < 2	--	--				

- Notes:
- 1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
 - 2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
 - 3)"--" = Compound was not included in the laboratory analysis.
 - 4)Detections in excess of Type 3/4 groundwater RRS are shaded.
 - 5) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
 - 6) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
 - 7) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-1
Summary of Concentrations of VOCs and 1,4-Dioxane in Groundwater
2002-2013
Avery Dennison Site
Flowery Branch, Georgia

VOC (µg/L)	Sample ID:	MW-25DRX	MW-25DRX	MW-25DRX	MW-25DRX	MW-25DRX	MW-25DRX	MW-25DRX	MW-25DRX	MW-25DRX	MW-26D	MW-26D	MW-26D	MW-26D	MW-26D
	Date:	6/24/2006	10/7/2006	2/20/2007	5/17/2007	10/26/2007	10/22/2011	4/24/2012	10/23/2012	5/14/2003	7/31/2003	11/7/2004	5/18/2005	6/23/2006	
	Type 3/4 GW RRS														
1,1,1-Trichloroethane	13600	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5				
1,1,2-Trichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5	ND < 5
1,1-Dichloroethane	4000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5				
1,1-Dichloroethene	520	ND < 5	ND < 2	ND < 2	ND < 2	ND < 2	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5				
1,2-Dichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5
1,4-Dichlorobenzene	75	ND < 5	--	--	--	--	--	--	ND < 5	ND < 5	ND < 5				
1,4-Dioxane	70	--	--	--	--	--	ND < 20	ND < 2	ND < 2	ND < 2	--	--	--	--	--
2-Butanone (MEK)	11800	ND < 50	ND < 10	ND < 10	ND < 10	ND < 10	--	--	ND < 10	ND < 50	ND < 50				
Acetone	45600	ND < 50	ND < 20	ND < 20	ND < 20	ND < 20	ND < 25	ND < 25	ND < 20	ND < 50	ND < 50				
Carbon disulfide	4000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5				
Carbon tetrachloride	10	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5	ND < 5				
Chloroethane	29200	ND < 10	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 10	ND < 10	ND < 10				
Chloroform	80	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5	ND < 5				
cis-1,2-Dichloroethene	200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5	ND < 5				
Ethyl benzene	700	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5				
Freon-11	2000	ND < 5	--	--	--	--	--	--	ND < 5	ND < 5	ND < 5				
Methylcyclohexane	Not Regulated	ND < 5	--	--	--	--	--	--	ND < 5	ND < 5	ND < 5				
Methylene chloride	450	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5	ND < 5				
Styrene	2600	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5	ND < 5				
Tetrachloroethene	98	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5	ND < 5				
Toluene	5200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5				
trans-1,2-Dichloroethene	160	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5	ND < 5				
Trichloroethene	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5	ND < 5
Vinyl chloride	3	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	--	--	ND < 2	ND < 2	ND < 2				
m&p-Xylene	10000	ND < 10	--	--	--	--	--	--	ND < 10	ND < 10	ND < 10				
o-Xylene	10000	ND < 5	--	--	--	--	--	--	ND < 5	ND < 5	ND < 5				
Xylenes (total)	10000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 2	ND < 2	--	--	ND < 5				

Notes:

- 1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
- 2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
- 3)"--" = Compound was not included in the laboratory analysis.
- 4)Detections in excess of Type 3/4 groundwater RRS are shaded.
- 5) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
- 6) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
- 7) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-1
Summary of Concentrations of VOCs and 1,4-Dioxane in Groundwater
2002-2013
Avery Dennison Site
Flowery Branch, Georgia

VOC (µg/L)	Sample ID:	MW-26D	MW-26D	MW-26D	MW-26D	MW-26D	MW-26D	MW-26D	MW-26S	MW-26S	MW-26S	MW-26S	MW-26S	MW-26S
	Date:	10/8/2006	2/20/2007	5/18/2007	10/27/2007	10/20/2011	4/24/2012	10/22/2012	5/14/2003	8/5/2003	11/6/2004	5/17/2005	6/22/2006	10/8/2006
	Type 3/4 GW RRS													
1,1,1-Trichloroethane	13600	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	23	ND < 5	11	2.6	ND < 5	ND < 5	16	48
1,1,2-Trichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethane	4000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	4.3	1.9	ND < 5	ND < 5	8.4	10
1,1-Dichloroethene	520	ND < 5	ND < 5	ND < 5	ND < 5	ND < 2	57	10	10	2.4	ND < 5	10	27	85
1,2-Dichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5
1,4-Dichlorobenzene	75	ND < 5	ND < 5	ND < 5	ND < 5	--	--	--	--	--	ND < 5	ND < 5	ND < 5	ND < 5
1,4-Dioxane	70	--	--	--	--	ND < 2	ND < 2	ND < 2	--	--	--	--	--	--
2-Butanone (MEK)	11800	ND < 50	ND < 50	ND < 50	ND < 50	ND < 10	ND < 10	ND < 10	--	--	ND < 10	ND < 50	ND < 50	ND < 50
Acetone	45600	ND < 50	ND < 50	ND < 50	ND < 50	ND < 20	ND < 20	ND < 20	ND < 25	ND < 25	ND < 20	ND < 50	ND < 50	ND < 50
Carbon disulfide	4000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5
Carbon tetrachloride	10	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5	ND < 5	ND < 5
Chloroethane	29200	ND < 10	ND < 10	ND < 10	ND < 10	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 10	ND < 10	ND < 10	ND < 10
Chloroform	80	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5	ND < 5	ND < 5
cis-1,2-Dichloroethene	200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5	ND < 5	ND < 5
Ethyl benzene	700	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5
Freon-11	2000	ND < 5	ND < 5	ND < 5	ND < 5	--	--	--	--	--	ND < 5	ND < 5	ND < 5	ND < 5
Methylcyclohexane	Not Regulated	ND < 5	ND < 5	ND < 5	ND < 5	--	--	--	--	--	ND < 5	ND < 5	ND < 5	ND < 5
Methylene chloride	450	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5	ND < 5	ND < 5
Styrene	2600	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5	ND < 5	ND < 5
Tetrachloroethene	98	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5	ND < 5	ND < 5
Toluene	5200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5
trans-1,2-Dichloroethene	160	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5	ND < 5	ND < 5
Trichloroethene	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5	ND < 5	ND < 5
Vinyl chloride	3	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	--	--	ND < 2	ND < 2	ND < 2	ND < 2
m&p-Xylene	10000	ND < 10	ND < 10	ND < 10	ND < 10	--	--	--	--	--	ND < 10	ND < 10	ND < 10	ND < 10
o-Xylene	10000	ND < 5	ND < 5	ND < 5	ND < 5	--	--	--	--	--	ND < 5	ND < 5	ND < 5	ND < 5
Xylenes (total)	10000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 2	ND < 2	--	--	ND < 5	ND < 5

Notes:

- 1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
- 2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
- 3)"--" = Compound was not included in the laboratory analysis.
- 4)Detections in excess of Type 3/4 groundwater RRS are shaded.
- 5) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
- 6) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
- 7) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-1
Summary of Concentrations of VOCs and 1,4-Dioxane in Groundwater
2002-2013
Avery Dennison Site
Flowery Branch, Georgia

VOC (µg/L)	Sample ID:	MW-26S	MW-26S	MW-26S	MW-26S	MW-26S	MW-26S	MW-26S	MW-26S	MW-26S	MW-27D	MW-27D	MW-27D	MW-27D	MW-27D
	Date:	2/21/2007	5/18/2007	10/27/2007	6/7/2009	10/16/2009	10/20/2011	4/24/2012	10/22/2012	5/13/2003	8/5/2003	11/6/2004	5/17/2005	6/22/2006	
	Type 3/4 GW RRS														
1,1,1-Trichloroethane	13600	ND < 5	25	150	4.7	ND < 1	45	ND < 5	35	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5
1,1,2-Trichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethane	4000	ND < 5	10	13	2.3	1.5	7	ND < 5	6	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethene	520	ND < 5	53	250	15.3	8.2	160	7	130	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5
1,2-Dichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5
1,4-Dichlorobenzene	75	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	--	--	--	--	--	ND < 5	ND < 5	ND < 5	ND < 5
1,4-Dioxane	70	--	--	--	ND < 150	ND < 150	2.6	ND < 2	ND < 2	--	--	--	--	--	--
2-Butanone (MEK)	11800	ND < 50	ND < 50	ND < 50	ND < 5	ND < 5	ND < 10	ND < 10	ND < 10	--	--	ND < 10	ND < 50	ND < 50	ND < 50
Acetone	45600	ND < 50	ND < 50	ND < 50	ND < 25	ND < 25	ND < 20	ND < 20	ND < 20	ND < 25	ND < 25	ND < 20	ND < 50	ND < 50	ND < 50
Carbon disulfide	4000	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5
Carbon tetrachloride	10	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5	ND < 5	ND < 5
Chloroethane	29200	ND < 10	ND < 10	ND < 10	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 10	ND < 10	ND < 10	ND < 10
Chloroform	80	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5	ND < 5	ND < 5
cis-1,2-Dichloroethene	200	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5	ND < 5	ND < 5
Ethyl benzene	700	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5
Freon-11	2000	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	--	--	--	--	--	ND < 5	ND < 5	ND < 5	ND < 5
Methylcyclohexane	Not Regulated	ND < 5	ND < 5	ND < 5	--	--	--	--	--	--	--	ND < 5	ND < 5	ND < 5	ND < 5
Methylene chloride	450	ND < 5	ND < 5	ND < 5	ND < 2	ND < 2	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5	ND < 5	ND < 5
Styrene	2600	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5	ND < 5	ND < 5
Tetrachloroethene	98	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5	ND < 5	ND < 5
Toluene	5200	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5
trans-1,2-Dichloroethene	160	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5	ND < 5	ND < 5
Trichloroethene	5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5	ND < 5	ND < 5
Vinyl chloride	3	ND < 2	ND < 2	ND < 2	ND < 1	ND < 1	ND < 2	ND < 2	ND < 2	--	--	ND < 2	ND < 2	ND < 2	ND < 2
m&p-Xylene	10000	ND < 10	ND < 10	ND < 10	ND < 2	ND < 2	--	--	--	--	--	ND < 10	ND < 10	ND < 10	ND < 10
o-Xylene	10000	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	--	--	--	--	--	ND < 5	ND < 5	ND < 5	ND < 5
Xylenes (total)	10000	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5	ND < 5	ND < 2	ND < 2	--	--	ND < 5	ND < 5

Notes:

- 1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
- 2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
- 3) "--" = Compound was not included in the laboratory analysis.
- 4) Detections in excess of Type 3/4 groundwater RRS are shaded.
- 5) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
- 6) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
- 7) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-1
Summary of Concentrations of VOCs and 1,4-Dioxane in Groundwater
2002-2013
Avery Dennison Site
Flowery Branch, Georgia

VOC (µg/L)	Sample ID:	MW-27D	MW-27D	MW-27D	MW-27D	MW-27D	MW-27D	MW-27D	MW-27D	MW-27D	MW-27S	MW-27S	MW-27S	MW-27S
	Date:	10/8/2006	2/20/2007	5/18/2007	10/26/2007	6/4/2009	10/19/2009	10/20/2011	4/23/2012	10/19/2012	5/13/2003	8/5/2003	11/6/2004	5/21/2005
	Type 3/4 GW RRS													
1,1,1-Trichloroethane	13600	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	2.6	1.7	ND < 5	ND < 5
1,1,2-Trichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5
1,1-Dichloroethane	4000	ND < 5	ND < 5	ND < 5	49	ND < 1	11.5	7	ND < 5	11	6.6	3.9	8.8	ND < 5
1,1-Dichloroethene	520	ND < 5	13	7.7	310	4.8	58.6	50	15	91	2.6	1.4	11	ND < 5
1,2-Dichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5
1,4-Dichlorobenzene	75	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	--	--	--	--	--	ND < 5	ND < 5
1,4-Dioxane	70	--	--	--	--	ND < 60	ND < 150	ND < 2	ND < 2	ND < 2	--	--	--	--
2-Butanone (MEK)	11800	ND < 50	ND < 50	ND < 50	ND < 50	ND < 5	ND < 5	ND < 10	ND < 10	ND < 10	--	--	ND < 10	ND < 50
Acetone	45600	ND < 50	ND < 50	ND < 50	ND < 50	ND < 5	ND < 25	ND < 20	ND < 20	ND < 20	ND < 25	ND < 25	ND < 20	ND < 50
Carbon disulfide	4000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5
Carbon tetrachloride	10	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5
Chloroethane	29200	ND < 10	ND < 10	ND < 10	ND < 10	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 10	ND < 10
Chloroform	80	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5
cis-1,2-Dichloroethene	200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5
Ethyl benzene	700	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	1.5	ND < 1	ND < 5	ND < 5
Freon-11	2000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	--	--	--	--	--	ND < 5	ND < 5
Methylcyclohexane	Not Regulated	ND < 5	ND < 5	ND < 5	ND < 5	--	--	--	--	--	--	--	ND < 5	ND < 5
Methylene chloride	450	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 2	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5
Styrene	2600	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5
Tetrachloroethene	98	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5
Toluene	5200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5
trans-1,2-Dichloroethene	160	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5
Trichloroethene	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5
Vinyl chloride	3	ND < 2	ND < 2	ND < 2	ND < 2	ND < 1	ND < 1	ND < 2	ND < 2	ND < 2	--	--	ND < 2	ND < 2
m&p-Xylene	10000	ND < 10	ND < 10	ND < 10	ND < 10	ND < 2	ND < 2	--	--	--	--	--	ND < 10	ND < 10
o-Xylene	10000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	--	--	--	--	--	ND < 5	ND < 5
Xylenes (total)	10000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	--	ND < 5	ND < 5	ND < 5	7.9	ND < 2	--	--

Notes:

- 1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
- 2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
- 3)"--" = Compound was not included in the laboratory analysis.
- 4)Detections in excess of Type 3/4 groundwater RRS are shaded.
- 5) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
- 6) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
- 7) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-1
Summary of Concentrations of VOCs and 1,4-Dioxane in Groundwater
2002-2013
Avery Dennison Site
Flowery Branch, Georgia

VOC (µg/L)	Sample ID:	MW-27S	MW-27S	MW-27S	MW-27S	MW-27S	MW-27S	MW-27S	MW-27S	MW-27S	MW-27S	MW-28	MW-28	MW-28
	Date:	6/22/2006	10/8/2006	2/20/2007	5/18/2007	10/26/2007	6/4/2009	10/19/2009	10/20/2011	4/23/2012	10/19/2012	6/17/2003	7/31/2003	11/6/2004
	Type 3/4 GW RRS													
1,1,1-Trichloroethane	13600	8	16	18	22	ND < 5	2.6	9.2	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5
1,1,2-Trichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	--	--	ND < 5
1,1-Dichloroethane	4000	32	64	74	91	ND < 5	10	16.2	5	12	20	ND < 1	ND < 1	ND < 5
1,1-Dichloroethene	520	180	350	370	490	12	59	119	39	65	130	ND < 1	ND < 1	ND < 5
1,2-Dichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5
1,4-Dichlorobenzene	75	ND < 5	ND < 1	ND < 1	--	--	--	--	--	ND < 5				
1,4-Dioxane	70	--	--	--	--	--	ND < 60	ND < 150	ND < 2	2	ND < 2	--	--	--
2-Butanone (MEK)	11800	ND < 50	ND < 50	ND < 50	ND < 50	210	ND < 5	ND < 5	ND < 10	ND < 10	ND < 10	--	--	ND < 10
Acetone	45600	ND < 50	ND < 50	ND < 50	ND < 50	260	ND < 5	ND < 25	ND < 20	ND < 20	ND < 20	ND < 25	ND < 25	ND < 20
Carbon disulfide	4000	ND < 5	ND < 5	--	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5				
Carbon tetrachloride	10	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	--	--	ND < 5				
Chloroethane	29200	ND < 10	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 10				
Chloroform	80	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	--	--	ND < 5				
cis-1,2-Dichloroethene	200	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	--	--	ND < 5				
Ethyl benzene	700	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5				
Freon-11	2000	ND < 5	ND < 1	ND < 1	--	--	--	--	--	ND < 5				
Methylcyclohexane	Not Regulated	ND < 5	--	--	--	--	--	--	--	ND < 5				
Methylene chloride	450	ND < 5	ND < 1	ND < 2	ND < 5	ND < 5	ND < 5	--	--	ND < 5				
Styrene	2600	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	--	--	ND < 5				
Tetrachloroethene	98	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	--	--	ND < 5				
Toluene	5200	ND < 5	ND < 1	1.1	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5				
trans-1,2-Dichloroethene	160	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	--	--	ND < 5				
Trichloroethene	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	--	--	ND < 5
Vinyl chloride	3	ND < 2	ND < 1	ND < 1	ND < 2	ND < 2	ND < 2	--	--	ND < 2				
m&p-Xylene	10000	ND < 10	ND < 2	ND < 2	--	--	--	--	--	ND < 10				
o-Xylene	10000	ND < 5	ND < 1	ND < 1	--	--	--	--	--	ND < 5				
Xylenes (total)	10000	ND < 5	ND < 1	--	ND < 5	ND < 5	ND < 5	ND < 2	ND < 2	--				

- Notes:
- 1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
 - 2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
 - 3)"--" = Compound was not included in the laboratory analysis.
 - 4)Detections in excess of Type 3/4 groundwater RRS are shaded.
 - 5) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
 - 6) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
 - 7) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-1
Summary of Concentrations of VOCs and 1,4-Dioxane in Groundwater
2002-2013
Avery Dennison Site
Flowery Branch, Georgia

VOC (µg/L)	Sample ID:	MW-28	MW-28	MW-28	MW-28	MW-28	MW-28	MW-28	MW-28	MW-28	MW-28	MW-29	MW-29	MW-29
	Date:	5/17/2005	6/21/2006	10/6/2006	2/19/2007	5/16/2007	10/27/2007	10/23/2011	4/24/2012	10/21/2012	3/25/2013	6/17/2003	8/1/2003	11/6/2004
	Type 3/4 GW RRS													
1,1,1-Trichloroethane	13600	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5					
1,1,2-Trichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	ND < 5
1,1-Dichloroethane	4000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5					
1,1-Dichloroethene	520	ND < 5	ND < 2	ND < 2	ND < 2	ND < 2	ND < 1	ND < 1	ND < 5					
1,2-Dichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5
1,4-Dichlorobenzene	75	ND < 5	--	--	--	--	--	--	ND < 5					
1,4-Dioxane	70	--	--	--	--	--	--	ND < 2	ND < 2	ND < 2	ND < 2	--	--	--
2-Butanone (MEK)	11800	ND < 50	ND < 10	ND < 10	ND < 10	ND < 10	--	--	ND < 10					
Acetone	45600	ND < 50	ND < 20	ND < 20	ND < 20	ND < 20	ND < 25	ND < 25	ND < 20					
Carbon disulfide	4000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5					
Carbon tetrachloride	10	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	ND < 5					
Chloroethane	29200	ND < 10	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 10					
Chloroform	80	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	ND < 5					
cis-1,2-Dichloroethene	200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	ND < 5					
Ethyl benzene	700	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5					
Freon-11	2000	ND < 5	--	--	--	--	--	--	ND < 5					
Methylcyclohexane	Not Regulated	ND < 5	--	--	--	--	--	--	ND < 5					
Methylene chloride	450	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	ND < 5					
Styrene	2600	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	ND < 5					
Tetrachloroethene	98	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	ND < 5					
Toluene	5200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5					
trans-1,2-Dichloroethene	160	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	ND < 5					
Trichloroethene	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	ND < 5
Vinyl chloride	3	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	--	--	ND < 2					
m&p-Xylene	10000	ND < 10	--	--	--	--	--	--	ND < 10					
o-Xylene	10000	ND < 5	--	--	--	--	--	--	ND < 5					
Xylenes (total)	10000	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 2	ND < 2	--				

Notes:

- 1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
- 2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
- 3)"--" = Compound was not included in the laboratory analysis.
- 4)Detections in excess of Type 3/4 groundwater RRS are shaded.
- 5) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
- 6) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
- 7) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-1
Summary of Concentrations of VOCs and 1,4-Dioxane in Groundwater
2002-2013
Avery Dennison Site
Flowery Branch, Georgia

VOC (µg/L)	Sample ID:	MW-29	MW-29	MW-29	MW-29	MW-30	MW-30	MW-30	MW-30	MW-31	MW-31	MW-31	MW-31	MW-32
	Date:	5/18/2005	4/25/2012	10/22/2012	3/23/2013	6/18/2003	8/4/2003	11/3/2004	5/16/2005	6/18/2003	8/4/2003	11/3/2004	5/19/2005	5/17/2005
	Type 3/4 GW RRS													
1,1,1-Trichloroethane	13600	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	1.1	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	15
1,1,2-Trichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5	--	--	ND < 5	ND < 5	ND < 5
1,1-Dichloroethane	4000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5
1,1-Dichloroethene	520	ND < 5	ND < 2	ND < 2	ND < 2	ND < 1	ND < 1	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5
1,2-Dichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5
1,4-Dichlorobenzene	75	ND < 5	--	--	--	--	--	ND < 5	ND < 5	--	--	ND < 5	ND < 5	ND < 5
1,4-Dioxane	70	--	ND < 2	ND < 2	ND < 2	--	--	--	--	--	--	--	--	--
2-Butanone (MEK)	11800	ND < 50	ND < 10	ND < 10	ND < 10	--	--	ND < 10	ND < 50	--	--	ND < 10	ND < 50	ND < 50
Acetone	45600	ND < 50	ND < 20	ND < 20	ND < 20	ND < 25	ND < 25	ND < 20	ND < 50	ND < 25	ND < 25	ND < 20	ND < 50	ND < 50
Carbon disulfide	4000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5
Carbon tetrachloride	10	ND < 5	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5	--	--	ND < 5	ND < 5	ND < 5
Chloroethane	29200	ND < 10	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 10	ND < 10	ND < 1	ND < 1	ND < 10	ND < 10	ND < 10
Chloroform	80	ND < 5	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5	--	--	ND < 5	ND < 5	ND < 5
cis-1,2-Dichloroethene	200	ND < 5	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5	--	--	ND < 5	ND < 5	ND < 5
Ethyl benzene	700	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5
Freon-11	2000	ND < 5	--	--	--	--	--	ND < 5	ND < 5	--	--	ND < 5	ND < 5	ND < 5
Methylcyclohexane	Not Regulated	ND < 5	--	--	--	--	--	ND < 5	ND < 5	--	--	ND < 5	ND < 5	ND < 5
Methylene chloride	450	ND < 5	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5	--	--	ND < 5	ND < 5	ND < 5
Styrene	2600	ND < 5	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5	--	--	ND < 5	ND < 5	ND < 5
Tetrachloroethene	98	ND < 5	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5	--	--	ND < 5	ND < 5	ND < 5
Toluene	5200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5
trans-1,2-Dichloroethene	160	ND < 5	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5	--	--	ND < 5	ND < 5	ND < 5
Trichloroethene	5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5	--	--	ND < 5	ND < 5	ND < 5
Vinyl chloride	3	ND < 2	ND < 2	ND < 2	ND < 2	--	--	ND < 2	ND < 2	--	--	ND < 2	ND < 2	ND < 2
m&p-Xylene	10000	ND < 10	--	--	--	--	--	ND < 10	ND < 10	--	--	ND < 10	ND < 10	ND < 10
o-Xylene	10000	ND < 5	--	--	--	--	--	ND < 5	ND < 5	--	--	ND < 5	ND < 5	ND < 5
Xylenes (total)	10000	--	ND < 5	ND < 5	ND < 5	ND < 2	ND < 2	ND < 5	--	ND < 2	ND < 2	ND < 5	--	--

- Notes:
- 1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
 - 2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
 - 3)"--" = Compound was not included in the laboratory analysis.
 - 4)Detections in excess of Type 3/4 groundwater RRS are shaded.
 - 5) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
 - 6) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
 - 7) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-1
Summary of Concentrations of VOCs and 1,4-Dioxane in Groundwater
2002-2013
Avery Dennison Site
Flowery Branch, Georgia

VOC (µg/L)	Sample ID:	MW-32	MW-32	MW-32	MW-32	MW-32	MW-32	MW-32	MW-32	MW-33	MW-33	MW-33	MW-33	MW-33	MW-34
	Date:	6/20/2006	10/4/2006	2/17/2007	5/16/2007	10/27/2011	4/19/2012	10/22/2012	5/19/2005	10/24/2011	4/20/2012	10/22/2012	3/24/2013	5/19/2005	
	Type 3/4 GW RRS														
1,1,1-Trichloroethane	13600	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5				
1,1,2-Trichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethane	4000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5				
1,1-Dichloroethene	520	ND < 5	ND < 5	ND < 5	ND < 5	ND < 2	ND < 2	ND < 2	ND < 5	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 5
1,2-Dichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,4-Dichlorobenzene	75	ND < 5	ND < 5	ND < 5	ND < 5	--	--	--	ND < 5	--	--	--	--	--	ND < 5
1,4-Dioxane	70	--	--	--	--	ND < 2	ND < 2	ND < 2	--	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	--
2-Butanone (MEK)	11800	ND < 50	ND < 50	ND < 50	ND < 50	ND < 10	ND < 10	ND < 10	ND < 50	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 50
Acetone	45600	ND < 50	ND < 50	ND < 50	ND < 50	ND < 20	ND < 20	ND < 20	ND < 50	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20	ND < 50
Carbon disulfide	4000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5				
Carbon tetrachloride	10	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5				
Chloroethane	29200	ND < 10	ND < 10	ND < 10	ND < 10	ND < 5	ND < 5	ND < 5	ND < 10	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 10
Chloroform	80	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5				
cis-1,2-Dichloroethene	200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5				
Ethyl benzene	700	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5				
Freon-11	2000	ND < 5	ND < 5	ND < 5	ND < 5	--	--	--	ND < 5	--	--	--	--	--	ND < 5
Methylcyclohexane	Not Regulated	ND < 5	ND < 5	ND < 5	ND < 5	--	--	--	ND < 5	--	--	--	--	--	ND < 5
Methylene chloride	450	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5				
Styrene	2600	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5				
Tetrachloroethene	98	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5				
Toluene	5200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5				
trans-1,2-Dichloroethene	160	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5				
Trichloroethene	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Vinyl chloride	3	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2				
m&p-Xylene	10000	ND < 10	ND < 10	ND < 10	ND < 10	--	--	--	ND < 10	--	--	--	--	--	ND < 10
o-Xylene	10000	ND < 5	ND < 5	ND < 5	ND < 5	--	--	--	ND < 5	--	--	--	--	--	ND < 5
Xylenes (total)	10000	ND < 5	ND < 5	ND < 5	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--				

Notes:

- 1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
- 2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
- 3)"--" = Compound was not included in the laboratory analysis.
- 4)Detections in excess of Type 3/4 groundwater RRS are shaded.
- 5) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
- 6) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
- 7) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-1
Summary of Concentrations of VOCs and 1,4-Dioxane in Groundwater
2002-2013
Avery Dennison Site
Flowery Branch, Georgia

VOC (µg/L)	Sample ID:	MW-35	MW-35	MW-35	MW-35	MW-35	MW-35	MW-35	MW-35	MW-35	MW-36D	MW-36D	MW-36D	MW-36D
	Date:	5/20/2005	6/20/2006	10/6/2006	2/17/2007	5/16/2007	10/24/2011	4/20/2012	10/22/2012	3/23/2013	5/21/2005	5/21/2005	6/24/2006	10/8/2006
Type	3/4 GW RRS	Duplicate												
1,1,1-Trichloroethane	13600	ND < 5	ND < 5	ND < 5	ND < 5	7800	8200	3900	2400					
1,1,2-Trichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethane	4000	ND < 5	ND < 5	ND < 5	ND < 5	460	450	500	360					
1,1-Dichloroethene	520	ND < 5	ND < 2	ND < 2	ND < 2	ND < 2	7800	8100	3900	3400				
1,2-Dichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	17	18	ND < 5	6.8
1,4-Dichlorobenzene	75	ND < 5	--	--	--	--	ND < 5	ND < 5	ND < 5	ND < 5				
1,4-Dioxane	70	--	--	--	--	--	ND < 2	ND < 2	ND < 2	ND < 2	--	--	--	--
2-Butanone (MEK)	11800	ND < 50	ND < 10	ND < 10	ND < 10	ND < 10	ND < 50	ND < 50	ND < 50	ND < 50				
Acetone	45600	ND < 50	ND < 20	ND < 20	ND < 20	ND < 20	ND < 50	ND < 50	ND < 50	ND < 50				
Carbon disulfide	4000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5					
Carbon tetrachloride	10	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5					
Chloroethane	29200	ND < 10	ND < 5	ND < 5	ND < 5	ND < 5	ND < 10	ND < 10	ND < 10	ND < 10				
Chloroform	80	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5					
cis-1,2-Dichloroethene	200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5					
Ethyl benzene	700	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5					
Freon-11	2000	ND < 5	--	--	--	--	14	13	7.1	5.7				
Methylcyclohexane	Not Regulated	ND < 5	--	--	--	--	5.7	5.5	ND < 5	ND < 5				
Methylene chloride	450	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5					
Styrene	2600	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5					
Tetrachloroethene	98	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5					
Toluene	5200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5					
trans-1,2-Dichloroethene	160	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5					
Trichloroethene	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	18	18	12	7.1
Vinyl chloride	3	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2					
m&p-Xylene	10000	ND < 10	--	--	--	--	26	26	ND < 10	ND < 10				
o-Xylene	10000	ND < 5	--	--	--	--	ND < 5	ND < 5	ND < 5	ND < 5				
Xylenes (total)	10000	--	ND < 5	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5				

Notes:

- 1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
- 2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
- 3)"--" = Compound was not included in the laboratory analysis.
- 4)Detections in excess of Type 3/4 groundwater RRS are shaded.
- 5) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
- 6) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
- 7) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-1
Summary of Concentrations of VOCs and 1,4-Dioxane in Groundwater
2002-2013
Avery Dennison Site
Flowery Branch, Georgia

VOC (µg/L)	Sample ID:	MW-36D	MW-36D	MW-36D	MW-36D	MW-36D	MW-36D	MW-36D	MW-36D	MW-36D	MW-36S	MW-36S	MW-36S	MW-36S
	Date:	2/21/2007	5/19/2007	10/30/2007	6/3/2009	10/15/2009	2/7/2011	10/21/2011	4/20/2012	10/21/2012	5/21/2005	6/24/2006	10/8/2006	2/20/2007
	Type 3/4 GW RRS													
1,1,1-Trichloroethane	13600	2200	3100	2400	820	893	100	18	15	6	12	ND < 5	ND < 5	ND < 5
1,1,2-Trichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 10	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethane	4000	460	690	660	560	951	580	260	250	230	130	87	110	65
1,1-Dichloroethene	520	2500	4300	3200	1200	1540	460	230	180	160	140	53	84	73
1,2-Dichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 10	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,4-Dichlorobenzene	75	ND < 5	ND < 5	ND < 5	ND < 10	ND < 5	--	--	--	--	ND < 5	ND < 5	ND < 5	ND < 5
1,4-Dioxane	70	--	--	--	ND < 600	ND < 750	ND < 250	16	16	3.6	--	--	--	--
2-Butanone (MEK)	11800	ND < 50	ND < 50	ND < 50	ND < 50	ND < 25	ND < 10	ND < 10	ND < 10	ND < 10	ND < 50	ND < 50	ND < 50	ND < 50
Acetone	45600	ND < 50	ND < 50	ND < 50	ND < 50	ND < 125	ND < 20	ND < 20	ND < 20	ND < 20	ND < 50	ND < 50	ND < 50	ND < 50
Carbon disulfide	4000	ND < 5	ND < 5	ND < 5	ND < 50	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Carbon tetrachloride	10	ND < 5	ND < 5	ND < 5	ND < 10	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Chloroethane	29200	12	21	17	31	44.7	67	21	22	20	110	86	95	81
Chloroform	80	ND < 5	ND < 5	ND < 5	ND < 10	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
cis-1,2-Dichloroethene	200	ND < 5	ND < 5	ND < 5	ND < 10	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Ethyl benzene	700	ND < 5	ND < 5	ND < 5	ND < 10	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Freon-11	2000	ND < 5	ND < 5	ND < 5	ND < 10	ND < 5	--	--	--	--	ND < 5	ND < 5	ND < 5	ND < 5
Methylcyclohexane	Not Regulated	ND < 5	ND < 5	ND < 5	--	--	--	--	--	--	ND < 5	ND < 5	ND < 5	ND < 5
Methylene chloride	450	ND < 5	ND < 5	ND < 5	ND < 10	ND < 10	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Styrene	2600	ND < 5	ND < 5	ND < 5	ND < 10	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Tetrachloroethene	98	ND < 5	ND < 5	ND < 5	ND < 10	21.4	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Toluene	5200	ND < 5	ND < 5	ND < 5	ND < 10	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
trans-1,2-Dichloroethene	160	ND < 5	ND < 5	ND < 5	ND < 10	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Trichloroethene	5	7.5	8.4	5.5	ND < 10	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Vinyl chloride	3	ND < 2	ND < 2	ND < 2	ND < 10	ND < 5	4	ND < 2	ND < 2	ND < 2	25	16	22	19
m&p-Xylene	10000	ND < 10	ND < 10	ND < 10	ND < 20	ND < 10	--	--	--	--	ND < 10	ND < 10	ND < 10	ND < 10
o-Xylene	10000	ND < 5	ND < 5	ND < 5	ND < 10	ND < 5	--	--	--	--	ND < 5	ND < 5	ND < 5	ND < 5
Xylenes (total)	10000	ND < 5	ND < 5	ND < 5	ND < 10	--	ND < 5	ND < 5	ND < 5	ND < 5	--	ND < 5	ND < 5	ND < 5

Notes:

- 1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
- 2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
- 3)"--" = Compound was not included in the laboratory analysis.
- 4)Detections in excess of Type 3/4 groundwater RRS are shaded.
- 5) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
- 6) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
- 7) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-1
Summary of Concentrations of VOCs and 1,4-Dioxane in Groundwater
2002-2013
Avery Dennison Site
Flowery Branch, Georgia

VOC (µg/L)	Sample ID:	MW-36S	MW-36S	MW-36S	MW-36S	MW-36S	MW-36S	MW-36S	MW-36S	MW-37	MW-37	MW-37	MW-37	MW-37
	Date:	5/19/2007	5/19/2007	10/30/2007	6/3/2009	10/15/2009	10/25/2011	4/20/2012	10/21/2012	5/21/2005	6/23/2006	10/9/2006	2/21/2007	5/19/2007
	Type 3/4 GW RRS	Duplicate												
1,1,1-Trichloroethane	13600	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	1000	2100	1600	1100	1600
1,1,2-Trichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethane	4000	93	75	98	16	16.7	ND < 5	ND < 5	6	80	73	100	110	110
1,1-Dichloroethene	520	78	66	110	6.4	7.4	ND < 2	ND < 2	ND < 2	1100	2200	2800	1400	2800
1,2-Dichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,4-Dichlorobenzene	75	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	--	--	--	ND < 5				
1,4-Dioxane	70	--	--	--	ND < 60	ND < 150	25	24	19	--	--	--	--	--
2-Butanone (MEK)	11800	ND < 50	ND < 50	ND < 50	ND < 5	ND < 5	ND < 10	ND < 10	ND < 10	ND < 50				
Acetone	45600	ND < 50	ND < 50	ND < 50	ND < 5	ND < 25	ND < 20	ND < 20	ND < 20	ND < 50				
Carbon disulfide	4000	ND < 5	ND < 5	ND < 5	ND < 5	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Carbon tetrachloride	10	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	7.6	ND < 5	ND < 5
Chloroethane	29200	75	69	67	17	14.9	ND < 5	ND < 5	ND < 5	ND < 10				
Chloroform	80	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
cis-1,2-Dichloroethene	200	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Ethyl benzene	700	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Freon-11	2000	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	--	--	--	ND < 5	7.2	7.9	ND < 5	ND < 5
Methylcyclohexane	Not Regulated	ND < 5	ND < 5	ND < 5	--	--	--	--	--	ND < 5				
Methylene chloride	450	ND < 5	ND < 5	ND < 5	ND < 1	ND < 2	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Styrene	2600	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Tetrachloroethene	98	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Toluene	5200	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
trans-1,2-Dichloroethene	160	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Trichloroethene	5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	6.6	ND < 5	ND < 5	5.7
Vinyl chloride	3	7.4	14	14	1	ND < 1	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2
m&p-Xylene	10000	ND < 10	ND < 10	ND < 10	ND < 2	ND < 2	--	--	--	ND < 10				
o-Xylene	10000	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	--	--	--	ND < 5				
Xylenes (total)	10000	ND < 5	ND < 5	ND < 5	ND < 1	--	ND < 5	ND < 5	ND < 5	--	ND < 5	ND < 5	ND < 5	ND < 5

Notes:

- 1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
- 2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
- 3) "--" = Compound was not included in the laboratory analysis.
- 4) Detections in excess of Type 3/4 groundwater RRS are shaded.
- 5) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
- 6) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
- 7) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-1
Summary of Concentrations of VOCs and 1,4-Dioxane in Groundwater
2002-2013
Avery Dennison Site
Flowery Branch, Georgia

VOC (µg/L)	Sample ID:	MW-37	MW-37	MW-37	MW-37	MW-37	MW-37	MW-37	MW-38	MW-38	MW-38	MW-38	MW-38	MW-38	MW-38
	Date:	6/4/2009	10/14/2009	2/7/2011	10/18/2011	4/22/2012	10/20/2012	5/21/2005	6/18/2006	10/4/2006	2/17/2007	5/16/2007	10/24/2007	10/25/2011	
	Type 3/4 GW RRS														
1,1,1-Trichloroethane	13600	400	291	180	130	100	51	ND < 5	ND < 5	ND < 5					
1,1,2-Trichloroethane	5	ND < 10	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethane	4000	92	61.9	73	46	54	44	ND < 5	ND < 5	ND < 5					
1,1-Dichloroethene	520	780	586	430	320	240	150	ND < 5	ND < 5	ND < 2					
1,2-Dichloroethane	5	ND < 10	1.2	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,4-Dichlorobenzene	75	ND < 10	ND < 1	--	--	--	--	ND < 5	ND < 5	--					
1,4-Dioxane	70	ND < 600	ND < 150	ND < 250	3.9	4.5	2	--	--	--	--	--	--	--	ND < 2
2-Butanone (MEK)	11800	ND < 50	ND < 5	ND < 10	ND < 10	ND < 10	ND < 10	ND < 50	ND < 50	ND < 10					
Acetone	45600	ND < 50	ND < 25	ND < 20	ND < 20	ND < 20	ND < 20	ND < 50	ND < 50	ND < 20					
Carbon disulfide	4000	ND < 50	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Carbon tetrachloride	10	ND < 10	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Chloroethane	29200	ND < 10	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 10	ND < 10	ND < 5					
Chloroform	80	ND < 10	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
cis-1,2-Dichloroethene	200	ND < 10	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Ethyl benzene	700	ND < 10	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Freon-11	2000	ND < 10	1.1	--	--	--	--	ND < 5	ND < 5	--					
Methylcyclohexane	Not Regulated	--	--	--	--	--	--	ND < 5	ND < 5	--					
Methylene chloride	450	ND < 10	ND < 2	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Styrene	2600	ND < 10	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Tetrachloroethene	98	ND < 10	4.4	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Toluene	5200	ND < 10	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
trans-1,2-Dichloroethene	160	ND < 10	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Trichloroethene	5	ND < 10	1.4	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Vinyl chloride	3	ND < 10	ND < 1	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2
m&p-Xylene	10000	ND < 20	ND < 2	--	--	--	--	ND < 10	ND < 10	--					
o-Xylene	10000	ND < 10	ND < 1	--	--	--	--	ND < 5	ND < 5	--					
Xylenes (total)	10000	ND < 10	--	ND < 5	ND < 5	ND < 5	ND < 5	--	ND < 5	ND < 5	ND < 5				

- Notes:
- 1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
 - 2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
 - 3)"--" = Compound was not included in the laboratory analysis.
 - 4)Detections in excess of Type 3/4 groundwater RRS are shaded.
 - 5) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
 - 6) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
 - 7) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-1
Summary of Concentrations of VOCs and 1,4-Dioxane in Groundwater
2002-2013
Avery Dennison Site
Flowery Branch, Georgia

VOC (µg/L)	Sample ID:	MW-38	MW-38	MW-39D	MW-39D	MW-39D	MW-39D	MW-39D	MW-39D	MW-39S	MW-39S	MW-39S	MW-39S	MW-39S
	Date:	4/20/2012	10/21/2012	5/20/2005	6/18/2006	10/4/2006	2/17/2007	5/15/2007	10/24/2007	5/20/2005	6/17/2006	10/4/2006	2/17/2007	5/15/2007
	Type 3/4 GW RRS													
1,1,1-Trichloroethane	13600	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1,2-Trichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethane	4000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethene	520	ND < 2	ND < 2	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5					
1,2-Dichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,4-Dichlorobenzene	75	--	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5					
1,4-Dioxane	70	ND < 2	ND < 2	--	--	--	--	--	--	--	--	--	--	--
2-Butanone (MEK)	11800	ND < 10	ND < 10	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50					
Acetone	45600	ND < 20	ND < 20	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50					
Carbon disulfide	4000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Carbon tetrachloride	10	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Chloroethane	29200	ND < 5	ND < 5	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10					
Chloroform	80	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
cis-1,2-Dichloroethene	200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Ethyl benzene	700	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Freon-11	2000	--	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5					
Methylcyclohexane	Not Regulated	--	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5					
Methylene chloride	450	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Styrene	2600	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Tetrachloroethene	98	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Toluene	5200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
trans-1,2-Dichloroethene	160	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Trichloroethene	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Vinyl chloride	3	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2
m&p-Xylene	10000	--	--	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10					
o-Xylene	10000	--	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5					
Xylenes (total)	10000	ND < 5	ND < 5	--	ND < 5	--	ND < 5	ND < 5	ND < 5	ND < 5				

Notes:

- 1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
- 2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
- 3)"--" = Compound was not included in the laboratory analysis.
- 4)Detections in excess of Type 3/4 groundwater RRS are shaded.
- 5) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
- 6) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
- 7) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-1
Summary of Concentrations of VOCs and 1,4-Dioxane in Groundwater
2002-2013
Avery Dennison Site
Flowery Branch, Georgia

VOC (µg/L)	Sample ID:	MW-39S	MW-39S	MW-39S	MW-40D	MW-41	MW-42	MW-42	MW-42	MW-42	MW-42	MW-42	MW-42	MW-42
	Date:	10/24/2007	6/6/2009	10/16/2009	5/21/2005	5/19/2005	5/21/2005	6/22/2006	10/6/2006	2/19/2007	5/17/2007	10/27/2007	6/3/2009	2/6/2011
	Type 3/4 GW RRS													
1,1,1-Trichloroethane	13600	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	220	230	440	18	450	590	170	ND < 5
1,1,2-Trichloroethane	5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5							
1,1-Dichloroethane	4000	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	93	120	160	14	140	140	56	ND < 5
1,1-Dichloroethene	520	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	230	380	680	32	800	970	320	3
1,2-Dichloroethane	5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5							
1,4-Dichlorobenzene	75	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	--							
1,4-Dioxane	70	--	ND < 150	ND < 150	--	--	--	--	--	--	--	--	ND < 300	ND < 250
2-Butanone (MEK)	11800	ND < 50	ND < 5	ND < 5	ND < 50	ND < 25	ND < 10							
Acetone	45600	ND < 50	ND < 25	ND < 25	ND < 50	ND < 25	ND < 20							
Carbon disulfide	4000	ND < 5	--	--	ND < 5	ND < 25	ND < 5							
Carbon tetrachloride	10	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5							
Chloroethane	29200	ND < 10	ND < 1	ND < 1	ND < 10	ND < 10	14	19	17	ND < 10	14	16	ND < 5	ND < 5
Chloroform	80	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5							
cis-1,2-Dichloroethene	200	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5							
Ethyl benzene	700	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5							
Freon-11	2000	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	--							
Methylcyclohexane	Not Regulated	ND < 5	--	--	ND < 5	--	--							
Methylene chloride	450	ND < 5	ND < 2	ND < 2	ND < 5	ND < 5	ND < 5							
Styrene	2600	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5							
Tetrachloroethene	98	ND < 5	2.4	6.3	ND < 5	5.5	ND < 5	ND < 5	ND < 5					
Toluene	5200	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5							
trans-1,2-Dichloroethene	160	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5							
Trichloroethene	5	ND < 5	ND < 1	1.1	ND < 5	ND < 5	ND < 5							
Vinyl chloride	3	ND < 2	ND < 1	ND < 1	ND < 2	ND < 2	ND < 2							
m&p-Xylene	10000	ND < 10	ND < 2	ND < 2	ND < 10	ND < 10	--							
o-Xylene	10000	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	--							
Xylenes (total)	10000	ND < 5	--	--	--	--	--	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5

Notes:

- 1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
- 2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
- 3)"--" = Compound was not included in the laboratory analysis.
- 4)Detections in excess of Type 3/4 groundwater RRS are shaded.
- 5) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
- 6) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
- 7) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-1
Summary of Concentrations of VOCs and 1,4-Dioxane in Groundwater
2002-2013
Avery Dennison Site
Flowery Branch, Georgia

VOC (µg/L)	Sample ID:	MW-42	MW-42	MW-42	MW-43D	MW-43D	MW-43S	MW-43S	MW-44D	MW-44D	MW-44S	MW-44S	MW-45D	MW-45D
	Date:	10/18/2011	4/23/2012	10/21/2012	9/13/2007	10/25/2007	9/13/2007	10/25/2007	9/13/2007	10/28/2007	9/13/2007	10/25/2007	10/29/2007	10/24/2011
	Type 3/4 GW RRS													
1,1,1-Trichloroethane	13600	330	73	230	ND < 5	ND < 5	ND < 5	ND < 5						
1,1,2-Trichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethane	4000	89	31	64	12	ND < 5	ND < 5	ND < 5						
1,1-Dichloroethene	520	1000	180	560	6.4	ND < 5	ND < 5	ND < 2						
1,2-Dichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,4-Dichlorobenzene	75	--	--	--	ND < 5	ND < 5	ND < 5	--						
1,4-Dioxane	70	26	5.4	10	--	--	--	--	--	--	--	--	--	ND < 2
2-Butanone (MEK)	11800	ND < 10	ND < 10	ND < 10	ND < 50	ND < 50	ND < 50	ND < 10						
Acetone	45600	ND < 20	ND < 20	ND < 20	ND < 50	ND < 50	ND < 50	ND < 20						
Carbon disulfide	4000	ND < 5	ND < 5	ND < 5										
Carbon tetrachloride	10	ND < 5	ND < 5	ND < 5										
Chloroethane	29200	ND < 5	ND < 5	ND < 5	ND < 10	ND < 10	ND < 10	ND < 5						
Chloroform	80	ND < 5	ND < 5	ND < 5										
cis-1,2-Dichloroethene	200	ND < 5	ND < 5	ND < 5										
Ethyl benzene	700	ND < 5	ND < 5	ND < 5										
Freon-11	2000	--	--	--	ND < 5	ND < 5	ND < 5	--						
Methylcyclohexane	Not Regulated	--	--	--	ND < 5	ND < 5	ND < 5	--						
Methylene chloride	450	ND < 5	ND < 5	ND < 5										
Styrene	2600	ND < 5	ND < 5	ND < 5										
Tetrachloroethene	98	ND < 5	ND < 5	ND < 5										
Toluene	5200	ND < 5	ND < 5	ND < 5										
trans-1,2-Dichloroethene	160	ND < 5	ND < 5	ND < 5										
Trichloroethene	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Vinyl chloride	3	ND < 2	ND < 2	ND < 2										
m&p-Xylene	10000	--	--	--	ND < 10	ND < 10	ND < 10	--						
o-Xylene	10000	--	--	--	ND < 5	ND < 5	ND < 5	--						
Xylenes (total)	10000	ND < 5	ND < 5	ND < 5										

- Notes:
- 1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
 - 2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
 - 3)"--" = Compound was not included in the laboratory analysis.
 - 4)Detections in excess of Type 3/4 groundwater RRS are shaded.
 - 5) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
 - 6) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
 - 7) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-1
Summary of Concentrations of VOCs and 1,4-Dioxane in Groundwater
2002-2013
Avery Dennison Site
Flowery Branch, Georgia

VOC (µg/L)	Sample ID:	MW-45D	MW-45D	MW-45S	MW-45S	MW-45S	MW-45S	MW-46D	MW-46D	MW-46D	MW-46D	MW-46D	MW-46D	MW-46I
	Date:	4/20/2012	10/20/2012	10/27/2007	10/24/2011	4/20/2012	10/19/2012	10/26/2007	6/7/2009	10/17/2009	10/25/2011	4/23/2012	10/21/2012	10/26/2007
	Type 3/4 GW RRS													
1,1,1-Trichloroethane	13600	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5
1,1,2-Trichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethane	4000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethene	520	ND < 2	ND < 2	ND < 5	ND < 2	ND < 2	ND < 2	ND < 5	ND < 1	ND < 1	ND < 2	ND < 2	4	ND < 5
1,2-Dichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5
1,4-Dichlorobenzene	75	--	--	ND < 5	--	--	--	ND < 5	ND < 1	ND < 1	--	--	--	ND < 5
1,4-Dioxane	70	ND < 2	ND < 2	--	8.3	8.2	7	--	ND < 150	ND < 150	ND < 2	ND < 2	ND < 2	--
2-Butanone (MEK)	11800	ND < 10	ND < 10	ND < 50	ND < 10	ND < 10	ND < 10	ND < 50	ND < 5	ND < 5	ND < 10	ND < 10	ND < 10	ND < 50
Acetone	45600	ND < 20	ND < 20	ND < 50	ND < 20	ND < 20	ND < 20	ND < 50	ND < 25	ND < 25	ND < 20	ND < 20	ND < 20	ND < 50
Carbon disulfide	4000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5	ND < 5	ND < 5
Carbon tetrachloride	10	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5
Chloroethane	29200	ND < 5	ND < 5	ND < 10	ND < 5	ND < 5	ND < 5	ND < 10	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 10
Chloroform	80	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5
cis-1,2-Dichloroethene	200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5
Ethyl benzene	700	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5
Freon-11	2000	--	--	ND < 5	--	--	--	ND < 5	ND < 1	ND < 1	--	--	--	ND < 5
Methylcyclohexane	Not Regulated	--	--	ND < 5	--	--	--	ND < 5	--	--	--	--	--	ND < 5
Methylene chloride	450	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 2	ND < 2	ND < 5	ND < 5	ND < 5	ND < 5
Styrene	2600	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5
Tetrachloroethene	98	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5
Toluene	5200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5
trans-1,2-Dichloroethene	160	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5
Trichloroethene	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5
Vinyl chloride	3	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 1	ND < 1	ND < 2	ND < 2	ND < 2	ND < 2
m&p-Xylene	10000	--	--	ND < 10	--	--	--	ND < 10	ND < 2	ND < 2	--	--	--	ND < 10
o-Xylene	10000	--	--	ND < 5	--	--	--	ND < 5	ND < 1	ND < 1	--	--	--	ND < 5
Xylenes (total)	10000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5	ND < 5	ND < 5

Notes:

- 1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
- 2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
- 3) "--" = Compound was not included in the laboratory analysis.
- 4) Detections in excess of Type 3/4 groundwater RRS are shaded.
- 5) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
- 6) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
- 7) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-1
Summary of Concentrations of VOCs and 1,4-Dioxane in Groundwater
2002-2013
Avery Dennison Site
Flowery Branch, Georgia

VOC (µg/L)	Sample ID:	MW-46I	MW-46I	MW-46I	MW-47D	MW-47D	MW-47D	MW-47D	MW-47D	MW-47D	MW-47D	MW-47D	MW-47D	MW-47D
	Date:	10/25/2011	4/23/2012	10/18/2012	10/26/2007	6/6/2009	10/13/2009	5/26/2010	11/3/2010	2/5/2011	10/25/2011	4/19/2012	10/19/2012	4/30/2013
	Type 3/4 GW RRS													
1,1,1-Trichloroethane	13600	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1,2-Trichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethane	4000	13	6	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethene	520	4	ND < 2	ND < 2	ND < 5	ND < 1	ND < 1	ND < 5	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2
1,2-Dichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,4-Dichlorobenzene	75	--	--	--	ND < 5	ND < 1	ND < 1	ND < 5	--	--	--	--	--	--
1,4-Dioxane	70	3	3.4	2.1	--	ND < 150	ND < 150	ND < 250	ND < 250	ND < 250	ND < 2	ND < 2	ND < 2	ND < 2
2-Butanone (MEK)	11800	ND < 10	ND < 10	ND < 10	ND < 50	ND < 5	ND < 5	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10
Acetone	45600	ND < 20	ND < 20	ND < 20	ND < 50	ND < 25	ND < 25	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20
Carbon disulfide	4000	ND < 5	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Carbon tetrachloride	10	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Chloroethane	29200	13	7	ND < 5	ND < 10	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Chloroform	80	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
cis-1,2-Dichloroethene	200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Ethyl benzene	700	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Freon-11	2000	--	--	--	ND < 5	ND < 1	ND < 1	ND < 5	--	--	--	--	--	--
Methylcyclohexane	Not Regulated	--	--	--	ND < 5	--	--	ND < 5	--	--	--	--	--	--
Methylene chloride	450	ND < 5	ND < 5	ND < 5	ND < 5	ND < 2	ND < 2	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Styrene	2600	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Tetrachloroethene	98	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Toluene	5200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
trans-1,2-Dichloroethene	160	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Trichloroethene	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Vinyl chloride	3	ND < 2	ND < 2	ND < 2	ND < 2	ND < 1	ND < 1	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2
m&p-Xylene	10000	--	--	--	ND < 10	ND < 2	ND < 2	--	--	--	--	--	--	--
o-Xylene	10000	--	--	--	ND < 5	ND < 1	ND < 1	--	--	--	--	--	--	--
Xylenes (total)	10000	ND < 5	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5

Notes:

- 1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
- 2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
- 3)"--" = Compound was not included in the laboratory analysis.
- 4)Detections in excess of Type 3/4 groundwater RRS are shaded.
- 5) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
- 6) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
- 7) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-1
Summary of Concentrations of VOCs and 1,4-Dioxane in Groundwater
2002-2013
Avery Dennison Site
Flowery Branch, Georgia

VOC (µg/L)	Sample ID:	MW-47D	MW-47S	MW-47S	MW-47S	MW-47S	MW-47S	MW-47S	MW-47S	MW-47S	MW-47S	MW-47S	MW-47S	MW-48D
	Date:	11/14/2013	10/25/2007	6/6/2009	10/13/2009	5/26/2010	11/3/2010	2/8/2011	10/24/2011	4/19/2012	10/19/2012	4/30/2013	11/14/2013	10/26/2007
	Type 3/4 GW RRS													
1,1,1-Trichloroethane	13600	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	690
1,1,2-Trichloroethane	5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethane	4000	ND < 5	ND < 5	7.9	5.2	ND < 5	ND < 5	ND < 5	ND < 5	7	12	ND < 5	ND < 5	160
1,1-Dichloroethene	520	ND < 2	51	76.2	55.2	25	43	62	40	44	61	16	17	1500
1,2-Dichloroethane	5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,4-Dichlorobenzene	75	--	ND < 5	ND < 1	ND < 1	ND < 5	--	--	--	--	--	--	--	ND < 5
1,4-Dioxane	70	ND < 2	--	ND < 150	ND < 150	ND < 250	ND < 250	ND < 250	17	23	22	14	13	--
2-Butanone (MEK)	11800	ND < 10	ND < 50	ND < 5	ND < 5	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 50
Acetone	45600	ND < 20	ND < 50	ND < 25	ND < 25	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20	ND < 50
Carbon disulfide	4000	ND < 5	ND < 5	--	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Carbon tetrachloride	10	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Chloroethane	29200	ND < 5	ND < 10	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 10
Chloroform	80	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
cis-1,2-Dichloroethene	200	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	6	ND < 5	ND < 5	ND < 5
Ethyl benzene	700	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Freon-11	2000	--	ND < 5	ND < 1	ND < 1	ND < 5	--	--	--	--	--	--	--	ND < 5
Methylcyclohexane	Not Regulated	--	ND < 5	--	--	ND < 5	--	--	--	--	--	--	--	ND < 5
Methylene chloride	450	ND < 5	ND < 5	ND < 2	ND < 2	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	9.2
Styrene	2600	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Tetrachloroethene	98	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Toluene	5200	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
trans-1,2-Dichloroethene	160	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Trichloroethene	5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Vinyl chloride	3	ND < 2	ND < 2	ND < 1	ND < 1	2	ND < 2	4	3	11	14	9	10	ND < 2
m&p-Xylene	10000	--	ND < 10	ND < 2	ND < 2	--	--	--	--	--	--	--	--	ND < 10
o-Xylene	10000	--	ND < 5	ND < 1	ND < 1	--	--	--	--	--	--	--	--	ND < 5
Xylenes (total)	10000	ND < 5	ND < 5	--	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5

Notes:

- 1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
- 2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
- 3)"--" = Compound was not included in the laboratory analysis.
- 4)Detections in excess of Type 3/4 groundwater RRS are shaded.
- 5) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
- 6) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
- 7) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-1
Summary of Concentrations of VOCs and 1,4-Dioxane in Groundwater
2002-2013
Avery Dennison Site
Flowery Branch, Georgia

VOC (µg/L)	Sample ID:	MW-48D	MW-48D	MW-48D	MW-48D	MW-48D	MW-48D	MW-48D	MW-48D	MW-48D	MW-48D	MW-48D	MW-48S	MW-48S
	Date:	6/2/2009	5/26/2010	11/4/2010	2/8/2011	10/25/2011	4/18/2012	10/18/2012	4/30/2013	4/30/2013	11/13/2013	11/13/2013	10/26/2007	6/2/2009
	Type 3/4 GW RRS										Duplicate	Duplicate		
1,1,1-Trichloroethane	13600	450	280	380	420	450	480	380	150	160	36	36	730	170
1,1,2-Trichloroethane	5	ND < 20	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 20
1,1-Dichloroethane	4000	110	95	110	120	110	89	71	45	46	11	11	230	110
1,1-Dichloroethene	520	1400	1000	1300	1400	1400	960	970	600	580	180	190	2200	1100
1,2-Dichloroethane	5	ND < 20	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 20
1,4-Dichlorobenzene	75	ND < 20	ND < 5	--	--	--	--	--	--	--	--	--	ND < 5	ND < 20
1,4-Dioxane	70	ND < 1200	260	470	480	460	410	270	300	290	57	56	--	ND < 1200
2-Butanone (MEK)	11800	ND < 100	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 50	ND < 100
Acetone	45600	ND < 100	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20	ND < 50	ND < 100
Carbon disulfide	4000	ND < 100	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 100
Carbon tetrachloride	10	ND < 20	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 20
Chloroethane	29200	ND < 20	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 10	ND < 20
Chloroform	80	ND < 20	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 20
cis-1,2-Dichloroethene	200	ND < 20	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 20
Ethyl benzene	700	ND < 20	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 20
Freon-11	2000	ND < 20	ND < 5	--	--	--	--	--	--	--	--	--	ND < 5	ND < 20
Methylcyclohexane	Not Regulated	--	ND < 5	--	--	--	--	--	--	--	--	--	ND < 5	--
Methylene chloride	450	ND < 20	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	5.4	ND < 20
Styrene	2600	ND < 20	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 20
Tetrachloroethene	98	ND < 20	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 20
Toluene	5200	ND < 20	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 20
trans-1,2-Dichloroethene	160	ND < 20	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 20
Trichloroethene	5	ND < 20	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 20
Vinyl chloride	3	ND < 20	ND < 2	2	3	2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	7.7	ND < 20
m&p-Xylene	10000	ND < 40	--	--	--	--	--	--	--	--	--	--	ND < 10	ND < 40
o-Xylene	10000	ND < 20	--	--	--	--	--	--	--	--	--	--	ND < 5	ND < 20
Xylenes (total)	10000	ND < 20	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 20

- Notes:
- 1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
 - 2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
 - 3)"--" = Compound was not included in the laboratory analysis.
 - 4)Detections in excess of Type 3/4 groundwater RRS are shaded.
 - 5) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
 - 6) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
 - 7) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-1
Summary of Concentrations of VOCs and 1,4-Dioxane in Groundwater
2002-2013
Avery Dennison Site
Flowery Branch, Georgia

VOC (µg/L)	Sample ID:	MW-48S	MW-48S	MW-48S	MW-48S	MW-48S	MW-48S	MW-48S	MW-48S	MW-48S	MW-48S	MW-48S	MW-48S	MW-48S
	Date:	5/26/2010	11/4/2010	11/4/2010	2/8/2011	2/8/2011	10/25/2011	10/25/2011	4/18/2012	4/18/2012	10/18/2012	10/18/2012	4/30/2013	11/13/2013
	Type 3/4 GW RRS			Duplicate		Duplicate		Duplicate		Duplicate		Duplicate		
1,1,1-Trichloroethane	13600	230	230	220	100	100	170	180	250	250	190	190	44	56
1,1,2-Trichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethane	4000	130	120	120	89	86	98	99	95	95	75	74	39	34
1,1-Dichloroethene	520	1100	1100	1100	750	670	1000	1100	910	890	880	860	500	410
1,2-Dichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,4-Dichlorobenzene	75	ND < 5	--	--	--	--	--	--	--	--	--	--	--	--
1,4-Dioxane	70	ND < 250	460	450	ND < 250	ND < 250	280	260	250	280	180	150	120	77
2-Butanone (MEK)	11800	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10
Acetone	45600	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20
Carbon disulfide	4000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Carbon tetrachloride	10	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Chloroethane	29200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Chloroform	80	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
cis-1,2-Dichloroethene	200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Ethyl benzene	700	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Freon-11	2000	ND < 5	--	--	--	--	--	--	--	--	--	--	--	--
Methylcyclohexane	Not Regulated	ND < 5	--	--	--	--	--	--	--	--	--	--	--	--
Methylene chloride	450	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Styrene	2600	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Tetrachloroethene	98	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Toluene	5200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
trans-1,2-Dichloroethene	160	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Trichloroethene	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Vinyl chloride	3	6	6	6	6	5	6	6	6	6	5	5	4	3
m&p-Xylene	10000	--	--	--	--	--	--	--	--	--	--	--	--	--
o-Xylene	10000	--	--	--	--	--	--	--	--	--	--	--	--	--
Xylenes (total)	10000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5

- Notes:
- 1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
 - 2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
 - 3)"--" = Compound was not included in the laboratory analysis.
 - 4)Detections in excess of Type 3/4 groundwater RRS are shaded.
 - 5) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
 - 6) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
 - 7) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-1
Summary of Concentrations of VOCs and 1,4-Dioxane in Groundwater
2002-2013
Avery Dennison Site
Flowery Branch, Georgia

VOC (µg/L)	Sample ID:	MW-49D	MW-49D	MW-49D	MW-49D	MW-50D	MW-50D	MW-50D	MW-50D	MW-50D	MW-50D	MW-51D	MW-51D	MW-51D
	Date:	10/29/2007	10/23/2011	4/22/2012	10/20/2012	10/29/2007	6/3/2009	10/14/2009	10/24/2011	4/22/2012	10/18/2012	10/28/2007	6/4/2009	10/15/2009
	Type 3/4 GW RRS													
1,1,1-Trichloroethane	13600	ND < 5	ND < 5	ND < 5	ND < 5	430	92	48.7	24	54	12	ND < 5	31	62.6
1,1,2-Trichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
1,1-Dichloroethane	4000	ND < 5	ND < 5	ND < 5	ND < 5	17	8.6	5.6	11	24	9	18	19	21.4
1,1-Dichloroethene	520	ND < 5	ND < 2	ND < 2	ND < 2	570	180	99.2	75	100	40	ND < 5	56	135
1,2-Dichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
1,4-Dichlorobenzene	75	ND < 5	--	--	--	ND < 5	ND < 1	ND < 1	--	--	--	6.8	6.7	5.9
1,4-Dioxane	70	--	ND < 2	ND < 2	ND < 2	--	ND < 60	ND < 150	ND < 2	2.5	ND < 2	--	ND < 60	ND < 150
2-Butanone (MEK)	11800	ND < 50	ND < 10	ND < 10	ND < 10	ND < 50	ND < 5	ND < 5	ND < 10	ND < 10	ND < 10	ND < 50	ND < 5	ND < 5
Acetone	45600	ND < 50	ND < 20	ND < 20	ND < 20	ND < 50	ND < 5	ND < 25	ND < 20	ND < 20	ND < 20	ND < 50	ND < 5	ND < 25
Carbon disulfide	4000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--
Carbon tetrachloride	10	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
Chloroethane	29200	ND < 10	ND < 5	ND < 5	ND < 5	ND < 10	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 10	4.9	ND < 1
Chloroform	80	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
cis-1,2-Dichloroethene	200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
Ethyl benzene	700	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
Freon-11	2000	ND < 5	--	--	--	ND < 5	ND < 1	ND < 1	--	--	--	ND < 5	ND < 1	ND < 1
Methylcyclohexane	Not Regulated	ND < 5	--	--	--	ND < 5	--	--	--	--	--	ND < 5	--	--
Methylene chloride	450	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 2	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 2
Styrene	2600	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
Tetrachloroethene	98	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
Toluene	5200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
trans-1,2-Dichloroethene	160	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
Trichloroethene	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
Vinyl chloride	3	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 1	ND < 1	ND < 2	ND < 2	ND < 2	ND < 2	ND < 1	ND < 1
m&p-Xylene	10000	ND < 10	--	--	--	ND < 10	ND < 2	ND < 2	--	--	--	ND < 10	ND < 2	ND < 2
o-Xylene	10000	ND < 5	--	--	--	ND < 5	ND < 1	ND < 1	--	--	--	ND < 5	ND < 1	ND < 1
Xylenes (total)	10000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	--

- Notes:
- 1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
 - 2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
 - 3)"--" = Compound was not included in the laboratory analysis.
 - 4)Detections in excess of Type 3/4 groundwater RRS are shaded.
 - 5) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
 - 6) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
 - 7) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-1
Summary of Concentrations of VOCs and 1,4-Dioxane in Groundwater
2002-2013
Avery Dennison Site
Flowery Branch, Georgia

VOC (µg/L)	Sample ID:	MW-51D	MW-51D	MW-51D	MW-51D	MW-52D	MW-52D	MW-52D	MW-52D	MW-52D	MW-52D	MW-54D	MW-54D	MW-54D
	Date:	10/19/2011	10/19/2011	4/22/2012	10/18/2012	10/28/2007	6/6/2009	10/16/2009	10/18/2011	4/25/2012	10/18/2012	10/27/2007	6/4/2009	2/6/2011
	Type 3/4 GW RRS	Duplicate												
1,1,1-Trichloroethane	13600	ND < 5	ND < 5	77	79	ND < 5	2.2	2.6	ND < 5	ND < 5	ND < 5	580	560	260
1,1,2-Trichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 10	ND < 5
1,1-Dichloroethane	4000	11	11	25	21	ND < 5	1.6	2.3	ND < 5	ND < 5	ND < 5	110	100	90
1,1-Dichloroethene	520	11	11	190	270	ND < 5	3.2	3.7	3	ND < 2	4	800	1100	660
1,2-Dichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 10	ND < 5
1,4-Dichlorobenzene	75	--	--	--	--	ND < 5	ND < 1	ND < 1	--	--	--	ND < 5	ND < 10	--
1,4-Dioxane	70	2.4	2.4	5.1	3.9	--	ND < 150	ND < 150	ND < 2	ND < 2	ND < 2	--	ND < 600	ND < 250
2-Butanone (MEK)	11800	ND < 10	ND < 10	ND < 10	ND < 10	ND < 50	ND < 5	ND < 5	ND < 10	ND < 10	ND < 10	ND < 50	ND < 50	ND < 10
Acetone	45600	ND < 20	ND < 20	ND < 20	ND < 20	ND < 50	ND < 25	ND < 25	ND < 20	ND < 20	ND < 20	ND < 50	ND < 50	ND < 20
Carbon disulfide	4000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 50	ND < 5
Carbon tetrachloride	10	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 10	ND < 5
Chloroethane	29200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 10	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 10	ND < 10	ND < 5
Chloroform	80	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 10	ND < 5
cis-1,2-Dichloroethene	200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 10	ND < 5
Ethyl benzene	700	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 10	ND < 5
Freon-11	2000	--	--	--	--	ND < 5	ND < 1	ND < 1	--	--	--	ND < 5	ND < 10	--
Methylcyclohexane	Not Regulated	--	--	--	--	ND < 5	--	--	--	--	--	ND < 5	--	--
Methylene chloride	450	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 2	ND < 2	ND < 5	ND < 5	ND < 5	ND < 5	ND < 10	ND < 5
Styrene	2600	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 10	ND < 5
Tetrachloroethene	98	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 10	ND < 5
Toluene	5200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 10	ND < 5
trans-1,2-Dichloroethene	160	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 10	ND < 5
Trichloroethene	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 10	ND < 5
Vinyl chloride	3	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 1	ND < 1	ND < 2	ND < 2	ND < 2	ND < 2	ND < 10	ND < 2
m&p-Xylene	10000	--	--	--	--	ND < 10	ND < 2	ND < 2	--	--	--	ND < 10	ND < 20	--
o-Xylene	10000	--	--	--	--	ND < 5	ND < 1	ND < 1	--	--	--	ND < 5	ND < 10	--
Xylenes (total)	10000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 10	ND < 5

Notes:

- 1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
- 2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
- 3)"--" = Compound was not included in the laboratory analysis.
- 4)Detections in excess of Type 3/4 groundwater RRS are shaded.
- 5) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
- 6) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
- 7) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-1
Summary of Concentrations of VOCs and 1,4-Dioxane in Groundwater
2002-2013
Avery Dennison Site
Flowery Branch, Georgia

VOC (µg/L)	Sample ID:	MW-54D	MW-54D	MW-54D	MW-55D	MW-55D	MW-55D	MW-55D	MW-56D	MW-56D	MW-56D	MW-56D	MW-57D	MW-57D
	Date:	10/18/2011	4/22/2012	10/21/2012	11/6/2007	10/19/2011	4/25/2012	10/20/2012	10/29/2007	10/21/2011	4/25/2012	10/22/2012	10/30/2007	6/4/2009
	Type 3/4 GW RRS													
1,1,1-Trichloroethane	13600	230	150	330	18	ND < 5	10	12	ND < 5	ND < 5	ND < 5	ND < 5	9600	3300
1,1,2-Trichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 100
1,1-Dichloroethane	4000	39	43	65	26	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	260	320
1,1-Dichloroethene	520	580	290	850	20	3	5	8	ND < 5	ND < 2	ND < 2	ND < 2	16000	5600
1,2-Dichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	36	ND < 100
1,4-Dichlorobenzene	75	--	--	--	ND < 5	--	--	--	ND < 5	--	--	--	ND < 5	ND < 100
1,4-Dioxane	70	11	7.6	12	--	ND < 2	ND < 2	ND < 2	--	ND < 2	ND < 2	ND < 2	--	ND < 6000
2-Butanone (MEK)	11800	ND < 10	ND < 10	ND < 10	ND < 50	ND < 10	ND < 10	ND < 10	ND < 50	ND < 10	ND < 10	ND < 10	ND < 50	ND < 500
Acetone	45600	ND < 20	ND < 20	ND < 20	ND < 50	ND < 20	ND < 20	ND < 20	ND < 50	ND < 20	ND < 20	ND < 20	ND < 50	ND < 500
Carbon disulfide	4000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 500						
Carbon tetrachloride	10	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 100						
Chloroethane	29200	ND < 5	ND < 5	ND < 5	ND < 10	ND < 5	ND < 5	ND < 5	ND < 10	ND < 5	ND < 5	ND < 5	ND < 10	ND < 100
Chloroform	80	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 100						
cis-1,2-Dichloroethene	200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 100						
Ethyl benzene	700	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 100						
Freon-11	2000	--	--	--	ND < 5	--	--	--	ND < 5	--	--	--	19	ND < 100
Methylcyclohexane	Not Regulated	--	--	--	ND < 5	--	--	--	ND < 5	--	--	--	11	--
Methylene chloride	450	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 100						
Styrene	2600	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 100						
Tetrachloroethene	98	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	11	ND < 100						
Toluene	5200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 100						
trans-1,2-Dichloroethene	160	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 100						
Trichloroethene	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	39	ND < 100
Vinyl chloride	3	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 100						
m&p-Xylene	10000	--	--	--	ND < 10	--	--	--	ND < 10	--	--	--	ND < 10	ND < 200
o-Xylene	10000	--	--	--	ND < 5	--	--	--	ND < 5	--	--	--	ND < 5	ND < 100
Xylenes (total)	10000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 100						

- Notes:
- 1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
 - 2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
 - 3)"--" = Compound was not included in the laboratory analysis.
 - 4)Detections in excess of Type 3/4 groundwater RRS are shaded.
 - 5) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
 - 6) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
 - 7) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-1
Summary of Concentrations of VOCs and 1,4-Dioxane in Groundwater
2002-2013
Avery Dennison Site
Flowery Branch, Georgia

VOC (µg/L)	Sample ID:	MW-57D	MW-57D	MW-57D	MW-57D	MW-57I	MW-57I	MW-57I	MW-57I	MW-58D	MW-58D	MW-58D	MW-58D	MW-58D
	Date:	2/7/2011	10/20/2011	4/22/2012	10/20/2012	10/30/2007	10/20/2011	4/22/2012	10/21/2012	10/30/2007	6/3/2009	10/14/2009	10/21/2011	4/25/2012
	Type 3/4 GW RRS													
1,1,1-Trichloroethane	13600	430	330	970	1100	33	580	1700	1900	170	24	14.3	ND < 5	ND < 5
1,1,2-Trichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 25	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5
1,1-Dichloroethane	4000	230	110	250	440	5.8	170	460	560	300	190	140	120	110
1,1-Dichloroethene	520	1100	740	1700	2400	61	1300	3000	3600	520	200	145	150	130
1,2-Dichloroethane	5	ND < 5	ND < 5	5	7	ND < 5	ND < 5	13	ND < 25	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5
1,4-Dichlorobenzene	75	--	--	--	--	ND < 5	--	--	--	ND < 5	ND < 1	ND < 1	--	--
1,4-Dioxane	70	ND < 250	5.5	14	15	--	18	59	34	--	ND < 60	ND < 150	3.3	3.9
2-Butanone (MEK)	11800	ND < 10	ND < 10	ND < 10	ND < 10	ND < 50	ND < 10	ND < 10	ND < 50	ND < 50	ND < 5	ND < 5	ND < 10	ND < 10
Acetone	45600	ND < 20	ND < 20	ND < 20	ND < 20	ND < 50	ND < 20	ND < 20	ND < 100	ND < 50	ND < 5	ND < 25	ND < 20	ND < 20
Carbon disulfide	4000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 25	ND < 5	ND < 5	--	ND < 5	ND < 5
Carbon tetrachloride	10	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 25	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5
Chloroethane	29200	ND < 5	ND < 5	5	10	ND < 10	ND < 5	7	ND < 25	ND < 10	7.6	ND < 1	6	8
Chloroform	80	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 25	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5
cis-1,2-Dichloroethene	200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 25	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5
Ethyl benzene	700	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 25	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5
Freon-11	2000	--	--	--	--	ND < 5	--	--	--	ND < 5	ND < 1	ND < 1	--	--
Methylcyclohexane	Not Regulated	--	--	--	--	ND < 5	--	--	--	ND < 5	--	--	--	--
Methylene chloride	450	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 25	ND < 5	ND < 1	ND < 2	ND < 5	ND < 5
Styrene	2600	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 25	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5
Tetrachloroethene	98	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 25	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5
Toluene	5200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 25	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5
trans-1,2-Dichloroethene	160	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	7	ND < 25	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5
Trichloroethene	5	ND < 5	ND < 5	6	8	ND < 5	ND < 5	11	ND < 25	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5
Vinyl chloride	3	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 10	ND < 2	ND < 1	ND < 1	ND < 2	ND < 2
m&p-Xylene	10000	--	--	--	--	ND < 10	--	--	--	ND < 10	ND < 2	ND < 2	--	--
o-Xylene	10000	--	--	--	--	ND < 5	--	--	--	ND < 5	ND < 1	ND < 1	--	--
Xylenes (total)	10000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 25	ND < 5	ND < 1	--	ND < 5	ND < 5

- Notes:
- 1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
 - 2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
 - 3)"--" = Compound was not included in the laboratory analysis.
 - 4)Detections in excess of Type 3/4 groundwater RRS are shaded.
 - 5) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
 - 6) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
 - 7) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-1
Summary of Concentrations of VOCs and 1,4-Dioxane in Groundwater
2002-2013
Avery Dennison Site
Flowery Branch, Georgia

VOC (µg/L)	Sample ID:	MW-58D	MW-58D	MW-58S	MW-58S	MW-58S	MW-58S	MW-58S	MW-58S	MW-58S	MW-59D	MW-59D	MW-59D	MW-59D	MW-59I
	Date:	4/25/2012	10/23/2012	10/30/2007	6/3/2009	2/7/2011	10/21/2011	4/25/2012	10/22/2012	10/28/2007	10/20/2011	4/24/2012	10/22/2012	10/28/2007	
Type	3/4 GW RRS	Duplicate													
1,1,1-Trichloroethane	13600	ND < 5	ND < 5	70	43	ND < 5	ND < 5	ND < 5	ND < 5	92	250	210	300	ND < 5	
1,1,2-Trichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 10	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	
1,1-Dichloroethane	4000	110	76	320	1400	54	48	55	37	190	280	270	380	ND < 5	
1,1-Dichloroethene	520	140	130	330	1500	76	71	69	56	130	310	240	540	ND < 5	
1,2-Dichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 10	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	
1,4-Dichlorobenzene	75	--	--	ND < 5	ND < 10	--	--	--	--	5.3	--	--	--	ND < 5	
1,4-Dioxane	70	3.6	ND < 2	--	ND < 600	ND < 250	2.9	3.3	ND < 2	--	6.3	4.9	7.2	--	
2-Butanone (MEK)	11800	ND < 10	ND < 10	ND < 50	ND < 50	ND < 10	ND < 10	ND < 10	ND < 10	ND < 50	ND < 10	ND < 10	ND < 10	ND < 50	
Acetone	45600	ND < 20	ND < 20	ND < 50	ND < 50	ND < 20	ND < 20	ND < 20	ND < 20	ND < 50	ND < 20	ND < 20	ND < 20	ND < 50	
Carbon disulfide	4000	ND < 5	ND < 5	ND < 5	ND < 50	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	
Carbon tetrachloride	10	ND < 5	ND < 5	ND < 5	ND < 10	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	
Chloroethane	29200	8	ND < 5	13	230	16	10	12	7	ND < 10	28	20	22	ND < 10	
Chloroform	80	ND < 5	ND < 5	ND < 5	ND < 10	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	
cis-1,2-Dichloroethene	200	ND < 5	ND < 5	ND < 5	ND < 10	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	
Ethyl benzene	700	ND < 5	ND < 5	ND < 5	ND < 10	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	
Freon-11	2000	--	--	ND < 5	ND < 10	--	--	--	--	ND < 5	--	--	--	ND < 5	
Methylcyclohexane	Not Regulated	--	--	ND < 5	--	--	--	--	--	ND < 5	--	--	--	ND < 5	
Methylene chloride	450	ND < 5	ND < 5	ND < 5	ND < 10	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	
Styrene	2600	ND < 5	ND < 5	ND < 5	ND < 10	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	
Tetrachloroethene	98	ND < 5	ND < 5	ND < 5	ND < 10	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	7	ND < 5	7	ND < 5	
Toluene	5200	ND < 5	ND < 5	ND < 5	ND < 10	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	
trans-1,2-Dichloroethene	160	ND < 5	ND < 5	ND < 5	ND < 10	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	
Trichloroethene	5	ND < 5	ND < 5	ND < 5	ND < 10	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	7	ND < 5	7	ND < 5	
Vinyl chloride	3	ND < 2	ND < 2	ND < 2	69	6	6	7	5	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	
m&p-Xylene	10000	--	--	ND < 10	ND < 20	--	--	--	--	ND < 10	--	--	--	ND < 10	
o-Xylene	10000	--	--	ND < 5	ND < 10	--	--	--	--	ND < 5	--	--	--	ND < 5	
Xylenes (total)	10000	ND < 5	ND < 5	ND < 5	ND < 10	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	

- Notes:
- 1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
 - 2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
 - 3)"--" = Compound was not included in the laboratory analysis.
 - 4)Detections in excess of Type 3/4 groundwater RRS are shaded.
 - 5) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
 - 6) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
 - 7) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-1
Summary of Concentrations of VOCs and 1,4-Dioxane in Groundwater
2002-2013
Avery Dennison Site
Flowery Branch, Georgia

VOC (µg/L)	Sample ID:	MW-59I	MW-59I	MW-59I	MW-60D	MW-60D	MW-60D	MW-60D	MW-60D	MW-60D	MW-60D	MW-61	MW-61	MW-61
	Date:	10/20/2011	4/25/2012	10/21/2012	10/28/2007	6/4/2009	10/15/2009	2/7/2011	10/21/2011	4/22/2012	10/18/2012	6/7/2009	10/17/2009	10/26/2011
	Type 3/4 GW RRS													
1,1,1-Trichloroethane	13600	ND < 5	ND < 5	ND < 5	3300	1100	1480	730	410	580	300	ND < 1	ND < 1	ND < 5
1,1,2-Trichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 20	ND < 10	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5
1,1-Dichloroethane	4000	ND < 5	ND < 5	ND < 5	180	180	136	140	60	110	79	ND < 1	ND < 1	ND < 5
1,1-Dichloroethene	520	ND < 2	ND < 2	ND < 2	4100	1500	2250	1300	1100	610	730	ND < 1	ND < 1	ND < 2
1,2-Dichloroethane	5	ND < 5	ND < 5	ND < 5	9.4	ND < 20	ND < 10	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5
1,4-Dichlorobenzene	75	--	--	--	ND < 5	ND < 20	ND < 10	--	--	--	--	ND < 1	ND < 1	--
1,4-Dioxane	70	ND < 2	ND < 2	ND < 2	--	ND < 1200	ND < 1500	ND < 250	13	6.6	6.8	ND < 150	ND < 150	ND < 2
2-Butanone (MEK)	11800	ND < 10	ND < 10	ND < 10	ND < 50	ND < 100	ND < 50	ND < 10	ND < 10	ND < 10	ND < 10	32.5	ND < 5	15
Acetone	45600	ND < 20	ND < 20	ND < 20	ND < 50	ND < 100	ND < 250	ND < 20	ND < 20	ND < 20	ND < 20	ND < 25	ND < 25	ND < 20
Carbon disulfide	4000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 100	--	ND < 5	ND < 5	ND < 5	ND < 5	--	--	ND < 5
Carbon tetrachloride	10	ND < 5	ND < 5	ND < 5	ND < 5	ND < 20	ND < 10	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5
Chloroethane	29200	ND < 5	ND < 5	ND < 5	ND < 10	ND < 20	ND < 10	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5
Chloroform	80	ND < 5	ND < 5	ND < 5	ND < 5	ND < 20	ND < 10	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5
cis-1,2-Dichloroethene	200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 20	ND < 10	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5
Ethyl benzene	700	ND < 5	ND < 5	ND < 5	ND < 5	ND < 20	ND < 10	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5
Freon-11	2000	--	--	--	12	ND < 20	ND < 10	--	--	--	--	ND < 1	ND < 1	--
Methylcyclohexane	Not Regulated	--	--	--	ND < 5	--	--	--	--	--	--	--	--	--
Methylene chloride	450	ND < 5	ND < 5	ND < 5	ND < 5	ND < 20	ND < 20	ND < 5	ND < 5	ND < 5	ND < 5	ND < 2	ND < 2	ND < 5
Styrene	2600	ND < 5	ND < 5	ND < 5	ND < 5	ND < 20	ND < 10	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5
Tetrachloroethene	98	ND < 5	ND < 5	ND < 5	ND < 5	ND < 20	ND < 10	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5
Toluene	5200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 20	ND < 10	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5
trans-1,2-Dichloroethene	160	ND < 5	ND < 5	ND < 5	ND < 5	ND < 20	ND < 10	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5
Trichloroethene	5	ND < 5	ND < 5	ND < 5	12	ND < 20	ND < 10	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5
Vinyl chloride	3	ND < 2	ND < 2	ND < 2	ND < 2	ND < 20	ND < 10	ND < 2	ND < 2	ND < 2	ND < 2	ND < 1	ND < 1	ND < 2
m&p-Xylene	10000	--	--	--	ND < 10	ND < 40	ND < 20	--	--	--	--	ND < 2	ND < 2	--
o-Xylene	10000	--	--	--	ND < 5	ND < 20	ND < 10	--	--	--	--	ND < 1	ND < 1	--
Xylenes (total)	10000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 20	--	ND < 5	ND < 5	ND < 5	ND < 5	--	--	ND < 5

- Notes:
- 1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
 - 2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
 - 3)"--" = Compound was not included in the laboratory analysis.
 - 4)Detections in excess of Type 3/4 groundwater RRS are shaded.
 - 5) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
 - 6) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
 - 7) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-1
Summary of Concentrations of VOCs and 1,4-Dioxane in Groundwater
2002-2013
Avery Dennison Site
Flowery Branch, Georgia

VOC (µg/L)	Sample ID:	MW-61	MW-61	MW-62	MW-62	MW-62	MW-62	MW-62	MW-62	MW-62	MW-62	MW-63	MW-63	MW-63	
	Date:	4/23/2012	10/21/2012	6/9/2009	10/18/2009	5/26/2010	11/4/2010	2/6/2011	10/21/2011	4/23/2012	10/21/2012	6/8/2009	10/14/2009	5/27/2010	
Type	3/4 GW RRS														
1,1,1-Trichloroethane	13600	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	11.8	36.9	9	
1,1,2-Trichloroethane	5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 2	ND < 5	
1,1-Dichloroethane	4000	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	11.4	28.9	10	
1,1-Dichloroethene	520	ND < 2	ND < 2	ND < 1	ND < 1	ND < 5	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	418	941	390	
1,2-Dichloroethane	5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 2	ND < 5	
1,4-Dichlorobenzene	75	--	--	ND < 1	ND < 1	ND < 5	--	--	--	--	--	ND < 1	ND < 2	ND < 5	
1,4-Dioxane	70	ND < 2	ND < 2	ND < 150	ND < 150	ND < 250	ND < 250	ND < 250	ND < 250	ND < 2	ND < 2	ND < 2	ND < 150	ND < 300	ND < 250
2-Butanone (MEK)	11800	ND < 10	ND < 10	ND < 5	ND < 5	ND < 10	ND < 10	ND < 10	ND < 10	21	ND < 10	ND < 5	ND < 10	ND < 10	
Acetone	45600	ND < 20	ND < 20	ND < 25	ND < 25	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20	ND < 25	ND < 50	ND < 20	
Carbon disulfide	4000	ND < 5	ND < 5	--	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	ND < 5	
Carbon tetrachloride	10	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 2	ND < 5	
Chloroethane	29200	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 2	ND < 5	
Chloroform	80	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 2	ND < 5	
cis-1,2-Dichloroethene	200	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 2	ND < 5	
Ethyl benzene	700	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 2	ND < 5	
Freon-11	2000	--	--	ND < 1	ND < 1	ND < 5	--	--	--	--	--	ND < 1	ND < 2	ND < 5	
Methylcyclohexane	Not Regulated	--	--	--	--	ND < 5	--	--	--	--	--	--	--	ND < 5	
Methylene chloride	450	ND < 5	ND < 5	ND < 2	ND < 2	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 2	ND < 4	ND < 5	
Styrene	2600	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 2	ND < 5	
Tetrachloroethene	98	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 2	ND < 5	
Toluene	5200	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	32	ND < 5	ND < 1	ND < 2	ND < 5	
trans-1,2-Dichloroethene	160	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 2	ND < 5	
Trichloroethene	5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 2	ND < 5	
Vinyl chloride	3	ND < 2	ND < 2	ND < 1	ND < 1	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 1	ND < 2	ND < 2	
m&p-Xylene	10000	--	--	ND < 2	ND < 2	--	--	--	--	--	--	ND < 2	ND < 4	--	
o-Xylene	10000	--	--	ND < 1	ND < 1	--	--	--	--	--	--	ND < 1	ND < 2	--	
Xylenes (total)	10000	ND < 5	ND < 5	--	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	ND < 5	

Notes:

- 1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
- 2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
- 3) "--" = Compound was not included in the laboratory analysis.
- 4) Detections in excess of Type 3/4 groundwater RRS are shaded.
- 5) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
- 6) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
- 7) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-1
Summary of Concentrations of VOCs and 1,4-Dioxane in Groundwater
2002-2013
Avery Dennison Site
Flowery Branch, Georgia

VOC (µg/L)	Sample ID:	MW-63	MW-63	MW-63	MW-63	MW-63	MW-63	MW-63	MW-64	MW-64	MW-64	MW-64	MW-64	MW-64
	Date:	11/3/2010	2/4/2011	10/27/2011	4/18/2012	10/23/2012	5/1/2013	11/15/2013	6/8/2009	10/14/2009	5/27/2010	11/3/2010	2/4/2011	5/2/2013
	Type 3/4 GW RRS													
1,1,1-Trichloroethane	13600	38	35	6	52	29	19	ND < 5	4990	5390	6100	6400	5300	45
1,1,2-Trichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	2.2	ND < 20	ND < 50	ND < 50	ND < 25	ND < 5
1,1-Dichloroethane	4000	25	20	ND < 5	15	6	ND < 5	ND < 5	206	226	280	180	120	ND < 5
1,1-Dichloroethene	520	670	660	200	300	68	13	ND < 2	1960	2540	2100	2500	1900	48
1,2-Dichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	3.5	ND < 20	ND < 50	ND < 50	ND < 25	ND < 5
1,4-Dichlorobenzene	75	--	--	--	--	--	--	--	ND < 1	ND < 20	ND < 50	--	--	--
1,4-Dioxane	70	ND < 250	ND < 250	2.4	5.2	6.4	11	ND < 2	467	ND < 3000	ND < 2500	ND < 2500	ND < 1300	250
2-Butanone (MEK)	11800	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 5	ND < 100	ND < 100	ND < 100	ND < 50	ND < 10
Acetone	45600	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20	ND < 25	ND < 500	ND < 200	ND < 200	ND < 100	ND < 20
Carbon disulfide	4000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	ND < 50	ND < 50	ND < 25	ND < 5
Carbon tetrachloride	10	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 20	ND < 50	ND < 50	ND < 25	ND < 5
Chloroethane	29200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 20	ND < 50	ND < 50	ND < 25	ND < 5
Chloroform	80	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 20	ND < 50	ND < 50	ND < 25	ND < 5
cis-1,2-Dichloroethene	200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 20	ND < 50	ND < 50	ND < 25	ND < 5
Ethyl benzene	700	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 20	ND < 50	ND < 50	ND < 25	ND < 5
Freon-11	2000	--	--	--	--	--	--	--	ND < 1	ND < 20	ND < 50	--	--	--
Methylcyclohexane	Not Regulated	--	--	--	--	--	--	--	--	--	ND < 50	--	--	--
Methylene chloride	450	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	10.1	ND < 40	ND < 50	ND < 50	ND < 25	ND < 5
Styrene	2600	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 20	ND < 50	ND < 50	ND < 25	ND < 5
Tetrachloroethene	98	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	1.4	ND < 20	ND < 50	ND < 50	ND < 25	ND < 5
Toluene	5200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	2.5	ND < 20	ND < 50	ND < 50	ND < 25	ND < 5
trans-1,2-Dichloroethene	160	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 20	ND < 50	ND < 50	ND < 25	ND < 5
Trichloroethene	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	3	ND < 20	ND < 50	ND < 50	ND < 25	ND < 5
Vinyl chloride	3	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	1.2	ND < 20	ND < 20	ND < 20	ND < 10	ND < 2
m&p-Xylene	10000	--	--	--	--	--	--	--	4.4	ND < 40	--	--	--	--
o-Xylene	10000	--	--	--	--	--	--	--	ND < 1	ND < 20	--	--	--	--
Xylenes (total)	10000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	ND < 50	ND < 50	ND < 25	ND < 5

Notes:

- 1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
- 2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
- 3)"--" = Compound was not included in the laboratory analysis.
- 4)Detections in excess of Type 3/4 groundwater RRS are shaded.
- 5) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
- 6) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
- 7) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-1
Summary of Concentrations of VOCs and 1,4-Dioxane in Groundwater
2002-2013
Avery Dennison Site
Flowery Branch, Georgia

VOC (µg/L)	Sample ID:	MW-64	MW-65D	MW-65D	MW-65D	MW-65D	MW-65D	MW-65D	MW-65D	MW-65D	MW-65D	MW-65D	MW-65D	MW-65D
	Date:	11/16/2013	6/8/2009	5/27/2010	11/3/2010	2/4/2011	10/27/2011	10/27/2011	4/18/2012	4/18/2012	10/23/2012	10/23/2012	5/2/2013	11/15/2013
Type	3/4 GW RRS							Duplicate		Duplicate		Duplicate		
1,1,1-Trichloroethane	13600	ND < 5	178	590	320	390	37	39	34	35	15	13	ND < 5	ND < 5
1,1,2-Trichloroethane	5	ND < 5	ND < 2	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethane	4000	ND < 5	19.9	43	39	31	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethene	520	ND < 2	232	510	310	340	32	32	14	13	42	32	19	3
1,2-Dichloroethane	5	ND < 5	ND < 2	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,4-Dichlorobenzene	75	--	ND < 2	ND < 5	--	--	--	--	--	--	--	--	--	--
1,4-Dioxane	70	90	ND < 300	ND < 250	ND < 250	ND < 250	18	17	7.3	6.3	20	20	16	19
2-Butanone (MEK)	11800	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10
Acetone	45600	ND < 20	ND < 50	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20
Carbon disulfide	4000	ND < 5	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Carbon tetrachloride	10	ND < 5	ND < 2	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Chloroethane	29200	ND < 5	ND < 2	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Chloroform	80	ND < 5	ND < 2	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
cis-1,2-Dichloroethene	200	ND < 5	ND < 2	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Ethyl benzene	700	ND < 5	ND < 2	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Freon-11	2000	--	ND < 2	ND < 5	--	--	--	--	--	--	--	--	--	--
Methylcyclohexane	Not Regulated	--	--	ND < 5	--	--	--	--	--	--	--	--	--	--
Methylene chloride	450	ND < 5	ND < 4	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Styrene	2600	ND < 5	ND < 2	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Tetrachloroethene	98	ND < 5	ND < 2	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Toluene	5200	ND < 5	ND < 2	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
trans-1,2-Dichloroethene	160	ND < 5	ND < 2	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Trichloroethene	5	ND < 5	ND < 2	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Vinyl chloride	3	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2
m&p-Xylene	10000	--	ND < 4	--	--	--	--	--	--	--	--	--	--	--
o-Xylene	10000	--	ND < 2	--	--	--	--	--	--	--	--	--	--	--
Xylenes (total)	10000	ND < 5	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5

Notes:

- 1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
- 2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
- 3)"--" = Compound was not included in the laboratory analysis.
- 4)Detections in excess of Type 3/4 groundwater RRS are shaded.
- 5) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
- 6) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
- 7) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-1
Summary of Concentrations of VOCs and 1,4-Dioxane in Groundwater
2002-2013
Avery Dennison Site
Flowery Branch, Georgia

VOC (µg/L)	Sample ID:	MW-65S	MW-65S	MW-65S	MW-65S	MW-65S	MW-65S	MW-66	MW-66	MW-66	MW-66	MW-66	MW-66	MW-66
	Date:	6/8/2009	5/27/2010	11/3/2010	2/4/2011	5/2/2013	11/15/2013	6/7/2009	10/14/2009	5/27/2010	11/3/2010	2/4/2011	10/19/2011	4/18/2012
	Type 3/4 GW RRS													
1,1,1-Trichloroethane	13600	255	430	250	330	620	410	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1,2-Trichloroethane	5	6.9	10	12	11	19	16	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethane	4000	321	270	330	290	310	280	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethene	520	7970	10000	10000	11000	10000	7300	1.7	1.8	ND < 5	ND < 2	ND < 2	ND < 2	ND < 2
1,2-Dichloroethane	5	23.7	31	38	28	63	40	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,4-Dichlorobenzene	75	ND < 1	ND < 5	--	--	--	--	ND < 1	ND < 1	ND < 5	--	--	--	--
1,4-Dioxane	70	868	790	1600	1300	2900	2000	ND < 150	ND < 150	ND < 250	ND < 250	ND < 250	3.1	3.4
2-Butanone (MEK)	11800	ND < 5	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 5	ND < 5	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10
Acetone	45600	ND < 25	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20	ND < 25	ND < 25	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20
Carbon disulfide	4000	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Carbon tetrachloride	10	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Chloroethane	29200	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Chloroform	80	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
cis-1,2-Dichloroethene	200	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Ethyl benzene	700	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Freon-11	2000	ND < 1	ND < 5	--	--	--	--	ND < 1	ND < 1	ND < 5	--	--	--	--
Methylcyclohexane	Not Regulated	--	ND < 5	--	--	--	--	--	--	ND < 5	--	--	--	--
Methylene chloride	450	3.3	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 2	ND < 2	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Styrene	2600	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Tetrachloroethene	98	1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Toluene	5200	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
trans-1,2-Dichloroethene	160	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Trichloroethene	5	5.3	7	7	7	11	9	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Vinyl chloride	3	12.5	7	20	9	4	11	ND < 1	ND < 1	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2
m&p-Xylene	10000	ND < 2	--	--	--	--	--	ND < 2	ND < 2	--	--	--	--	--
o-Xylene	10000	ND < 1	--	--	--	--	--	ND < 1	ND < 1	--	--	--	--	--
Xylenes (total)	10000	--	8	ND < 5	6	ND < 5	ND < 5	--	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5

Notes:

- 1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
- 2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
- 3)"--" = Compound was not included in the laboratory analysis.
- 4)Detections in excess of Type 3/4 groundwater RRS are shaded.
- 5) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
- 6) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
- 7) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-1
Summary of Concentrations of VOCs and 1,4-Dioxane in Groundwater
2002-2013
Avery Dennison Site
Flowery Branch, Georgia

VOC (µg/L)	Sample ID:	MW-66	MW-66	MW-66	MW-W	MW-W	MW-W	MW-W	SBW-1	SBW-1	SBW-1	SBW-1	SBW-1	SBW-1
	Date:	10/22/2012	4/30/2013	11/15/2013	5/14/2003	8/1/2003	11/6/2004	5/18/2005	3/17/2005	6/25/2006	10/10/2006	2/22/2007	5/19/2007	10/23/2007
	Type 3/4 GW RRS													
1,1,1-Trichloroethane	13600	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5				
1,1,2-Trichloroethane	5	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5	ND < 5	ND < 5				
1,1-Dichloroethane	4000	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5				
1,1-Dichloroethene	520	ND < 2	ND < 2	ND < 2	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5				
1,2-Dichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5				
1,4-Dichlorobenzene	75	--	--	--	--	--	ND < 5	ND < 5	ND < 5	ND < 5				
1,4-Dioxane	70	2.3	3	ND < 2	--	--	--	--	--	--	--	--	--	--
2-Butanone (MEK)	11800	ND < 10	ND < 10	ND < 10	--	--	ND < 10	ND < 50	ND < 10	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50
Acetone	45600	ND < 20	ND < 20	ND < 20	ND < 25	ND < 25	ND < 20	ND < 50	ND < 20	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50
Carbon disulfide	4000	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5				
Carbon tetrachloride	10	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5	ND < 5	ND < 5				
Chloroethane	29200	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 10	ND < 10	ND < 10	ND < 10				
Chloroform	80	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5	ND < 5	ND < 5				
cis-1,2-Dichloroethene	200	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5	ND < 5	ND < 5				
Ethyl benzene	700	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5				
Freon-11	2000	--	--	--	--	--	ND < 5	ND < 5	ND < 5	ND < 5				
Methylcyclohexane	Not Regulated	--	--	--	--	--	ND < 5	ND < 5	ND < 5	ND < 5				
Methylene chloride	450	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5	ND < 5	ND < 5				
Styrene	2600	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5	ND < 5	ND < 5				
Tetrachloroethene	98	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5	ND < 5	ND < 5				
Toluene	5200	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5				
trans-1,2-Dichloroethene	160	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5	ND < 5	ND < 5				
Trichloroethene	5	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5	ND < 5	ND < 5				
Vinyl chloride	3	ND < 2	ND < 2	ND < 2	--	--	ND < 2	ND < 2	ND < 2	ND < 2				
m&p-Xylene	10000	--	--	--	--	--	ND < 10	ND < 10	ND < 10	ND < 10				
o-Xylene	10000	--	--	--	--	--	ND < 5	ND < 5	ND < 5	ND < 5				
Xylenes (total)	10000	ND < 5	ND < 5	ND < 5	ND < 2	ND < 2	--	--	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5

- Notes:
- 1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
 - 2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
 - 3)"--" = Compound was not included in the laboratory analysis.
 - 4)Detections in excess of Type 3/4 groundwater RRS are shaded.
 - 5) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
 - 6) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
 - 7) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-1
Summary of Concentrations of VOCs and 1,4-Dioxane in Groundwater
2002-2013
Avery Dennison Site
Flowery Branch, Georgia

VOC (µg/L)	Sample ID:	SBW-1	SBW-1	SBW-1	SBW-1	SBW-1	SBW-1	SBW-1	SBW-1	SBW-1	SBW-1	SBW-2	SBW-2	SBW-2
	Date:	6/10/2009	10/20/2009	5/27/2010	11/1/2010	2/6/2011	10/26/2011	4/26/2012	10/17/2012	5/1/2013	11/13/2013	3/17/2005	6/25/2006	10/10/2006
	Type 3/4 GW RRS													
1,1,1-Trichloroethane	13600	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1,2-Trichloroethane	5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethane	4000	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethene	520	ND < 1	ND < 1	ND < 5	3	ND < 2	8	ND < 2	ND < 2	ND < 2	ND < 2	ND < 5	ND < 5	ND < 5
1,2-Dichloroethane	5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,4-Dichlorobenzene	75	ND < 1	ND < 1	ND < 5	--	--	--	--	--	--	--	ND < 5	ND < 5	ND < 5
1,4-Dioxane	70	ND < 150	ND < 150	ND < 250	ND < 250	ND < 250	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	--	--	--
2-Butanone (MEK)	11800	ND < 5	ND < 5	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 50	ND < 50
Acetone	45600	ND < 25	ND < 25	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20	ND < 50	ND < 50
Carbon disulfide	4000	--	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Carbon tetrachloride	10	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Chloroethane	29200	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 10	ND < 10	ND < 10
Chloroform	80	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
cis-1,2-Dichloroethene	200	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Ethyl benzene	700	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Freon-11	2000	ND < 1	ND < 1	ND < 5	--	--	--	--	--	--	--	ND < 5	ND < 5	ND < 5
Methylcyclohexane	Not Regulated	--	--	ND < 5	--	--	--	--	--	--	--	ND < 5	ND < 5	ND < 5
Methylene chloride	450	ND < 2	ND < 2	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Styrene	2600	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Tetrachloroethene	98	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Toluene	5200	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
trans-1,2-Dichloroethene	160	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Trichloroethene	5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Vinyl chloride	3	ND < 1	ND < 1	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2
m&p-Xylene	10000	ND < 2	ND < 2	--	--	--	--	--	--	--	--	ND < 10	ND < 10	ND < 10
o-Xylene	10000	ND < 1	ND < 1	--	--	--	--	--	--	--	--	ND < 5	ND < 5	ND < 5
Xylenes (total)	10000	--	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	ND < 5	ND < 5

Notes:

- 1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
- 2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
- 3)"--" = Compound was not included in the laboratory analysis.
- 4)Detections in excess of Type 3/4 groundwater RRS are shaded.
- 5) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
- 6) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
- 7) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-1
Summary of Concentrations of VOCs and 1,4-Dioxane in Groundwater
2002-2013
Avery Dennison Site
Flowery Branch, Georgia

VOC (µg/L)	Sample ID:	SBW-2	SBW-2	SBW-2	SBW-2	SBW-2	SBW-2	SBW-2	SBW-2	SBW-2	SBW-2	SBW-2	SBW-2	SBW-2
	Date:	2/22/2007	5/19/2007	10/23/2007	6/10/2009	10/20/2009	5/27/2010	11/1/2010	2/6/2011	10/26/2011	4/26/2012	10/17/2012	5/1/2013	11/13/2013
	Type 3/4 GW RRS													
1,1,1-Trichloroethane	13600	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1,2-Trichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethane	4000	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethene	520	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2
1,2-Dichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,4-Dichlorobenzene	75	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	--	--	--	--	--	--	--
1,4-Dioxane	70	--	--	--	ND < 150	ND < 150	ND < 250	ND < 250	ND < 250	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2
2-Butanone (MEK)	11800	ND < 50	ND < 50	ND < 50	ND < 5	ND < 5	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10
Acetone	45600	ND < 50	ND < 50	ND < 50	ND < 25	ND < 25	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20
Carbon disulfide	4000	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Carbon tetrachloride	10	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Chloroethane	29200	ND < 10	ND < 10	ND < 10	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Chloroform	80	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
cis-1,2-Dichloroethene	200	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Ethyl benzene	700	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Freon-11	2000	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	--	--	--	--	--	--	--
Methylcyclohexane	Not Regulated	ND < 5	ND < 5	ND < 5	--	--	ND < 5	--	--	--	--	--	--	--
Methylene chloride	450	ND < 5	ND < 5	ND < 5	ND < 2	ND < 2	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Styrene	2600	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Tetrachloroethene	98	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Toluene	5200	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
trans-1,2-Dichloroethene	160	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Trichloroethene	5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Vinyl chloride	3	ND < 2	ND < 2	ND < 2	ND < 1	ND < 1	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2
m&p-Xylene	10000	ND < 10	ND < 10	ND < 10	ND < 2	ND < 2	--	--	--	--	--	--	--	--
o-Xylene	10000	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	--	--	--	--	--	--	--	--
Xylenes (total)	10000	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5

- Notes:
- 1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
 - 2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
 - 3)"--" = Compound was not included in the laboratory analysis.
 - 4)Detections in excess of Type 3/4 groundwater RRS are shaded.
 - 5) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
 - 6) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
 - 7) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-1
Summary of Concentrations of VOCs and 1,4-Dioxane in Groundwater
2002-2013
Avery Dennison Site
Flowery Branch, Georgia

VOC (µg/L)	Sample ID:	SBW-3	SBW-3	SBW-3	SBW-3	SBW-3	SBW-3	SBW-3	SBW-3	SBW-3	SBW-3	SBW-3	SBW-3	SBW-3
	Date:	3/17/2005	6/25/2006	10/10/2006	2/22/2007	5/19/2007	10/23/2007	6/10/2009	10/20/2009	5/27/2010	11/1/2010	2/6/2011	10/26/2011	4/26/2012
	Type 3/4 GW RRS													
1,1,1-Trichloroethane	13600	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1,2-Trichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethane	4000	ND < 5	ND < 5	5.3	6	12	ND < 5	29.7	19.3	10	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethene	520	ND < 5	13	21	24	50	24	121	92.7	54	10	10	7	17
1,2-Dichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,4-Dichlorobenzene	75	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	--	--	--	--
1,4-Dioxane	70	--	--	--	--	--	--	ND < 150	ND < 150	ND < 250	ND < 250	ND < 250	ND < 2	ND < 2
2-Butanone (MEK)	11800	ND < 10	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 5	ND < 5	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10
Acetone	45600	ND < 20	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 25	ND < 25	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20
Carbon disulfide	4000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Carbon tetrachloride	10	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Chloroethane	29200	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	1.5	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Chloroform	80	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
cis-1,2-Dichloroethene	200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Ethyl benzene	700	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Freon-11	2000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	--	--	--	--
Methylcyclohexane	Not Regulated	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	ND < 5	--	--	--	--
Methylene chloride	450	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 2	ND < 2	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Styrene	2600	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Tetrachloroethene	98	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Toluene	5200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
trans-1,2-Dichloroethene	160	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Trichloroethene	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	1.8	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Vinyl chloride	3	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	2.1	ND < 1	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2
m&p-Xylene	10000	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 2	ND < 2	--	--	--	--	--
o-Xylene	10000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	--	--	--	--	--
Xylenes (total)	10000	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5

Notes:

- 1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
- 2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
- 3)"--" = Compound was not included in the laboratory analysis.
- 4)Detections in excess of Type 3/4 groundwater RRS are shaded.
- 5) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
- 6) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
- 7) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-1
Summary of Concentrations of VOCs and 1,4-Dioxane in Groundwater
2002-2013
Avery Dennison Site
Flowery Branch, Georgia

VOC (µg/L)	Sample ID:	SBW-3	SBW-3	SBW-3	SBW-4	SBW-4	SBW-4	SBW-4	SBW-4	SBW-4	SBW-4	SBW-4	SBW-4	SBW-4
	Date:	10/17/2012	5/1/2013	11/13/2013	3/17/2005	3/17/2005	6/25/2006	10/10/2006	2/22/2007	5/19/2007	10/23/2007	6/10/2009	6/10/2009	10/20/2009
	Type 3/4 GW RRS					Duplicate							Duplicate	
1,1,1-Trichloroethane	13600	ND < 5	ND < 5	ND < 5	100	100	60	74	93	100	90	86.9	85.8	77.3
1,1,2-Trichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1
1,1-Dichloroethane	4000	ND < 5	ND < 5	ND < 5	34	34	43	44	45	70	65	56.1	52.3	45
1,1-Dichloroethene	520	22	17	6	130	120	89	110	110	150	160	138	141	130
1,2-Dichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1
1,4-Dichlorobenzene	75	--	--	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1
1,4-Dioxane	70	ND < 2	ND < 2	ND < 2	--	--	--	--	--	--	--	ND < 150	ND < 150	ND < 150
2-Butanone (MEK)	11800	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 5	ND < 5	ND < 5
Acetone	45600	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 25	ND < 25	ND < 25
Carbon disulfide	4000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	--
Carbon tetrachloride	10	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1
Chloroethane	29200	ND < 5	ND < 5	ND < 5	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10
Chloroform	80	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1
cis-1,2-Dichloroethene	200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1
Ethyl benzene	700	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1
Freon-11	2000	--	--	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1
Methylcyclohexane	Not Regulated	--	--	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	--
Methylene chloride	450	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 2	ND < 2	ND < 2
Styrene	2600	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1
Tetrachloroethene	98	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1
Toluene	5200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	9.7	ND < 1	ND < 1	ND < 1
trans-1,2-Dichloroethene	160	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1
Trichloroethene	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	1.1	1	ND < 1
Vinyl chloride	3	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 1	ND < 1	ND < 1
m&p-Xylene	10000	--	--	--	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 2	ND < 2	ND < 2
o-Xylene	10000	--	--	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1
Xylenes (total)	10000	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	--

- Notes:
- 1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
 - 2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
 - 3)"--" = Compound was not included in the laboratory analysis.
 - 4)Detections in excess of Type 3/4 groundwater RRS are shaded.
 - 5) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
 - 6) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
 - 7) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-1
Summary of Concentrations of VOCs and 1,4-Dioxane in Groundwater
2002-2013
Avery Dennison Site
Flowery Branch, Georgia

VOC (µg/L)	Sample ID:	SBW-4	SBW-4	SBW-4	SBW-4	SBW-4	SBW-4	SBW-4	SBW-4	SBW-4	SBW-4	SBW-4	SBW-4	SBW-4
	Date:	10/20/2009	5/27/2010	11/1/2010	11/1/2010	2/6/2011	2/6/2011	10/26/2011	10/26/2011	4/26/2012	4/26/2012	10/17/2012	10/17/2012	5/1/2013
	Type 3/4 GW RRS	Duplicate			Duplicate		Duplicate		Duplicate		Duplicate		Duplicate	
1,1,1-Trichloroethane	13600	79.1	27	52	53	51	51	54	57	45	44	49	47	67
1,1,2-Trichloroethane	5	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethane	4000	46.5	26	38	38	34	34	44	44	31	31	62	63	39
1,1-Dichloroethene	520	139	42	77	78	110	110	150	150	75	75	170	160	140
1,2-Dichloroethane	5	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,4-Dichlorobenzene	75	ND < 1	ND < 5	--	--	--	--	--	--	--	--	--	--	--
1,4-Dioxane	70	ND < 150	ND < 250	ND < 250	ND < 250	ND < 250	ND < 250	5	5.1	2.7	2.6	4.1	3.8	3.8
2-Butanone (MEK)	11800	ND < 5	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10
Acetone	45600	ND < 25	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20
Carbon disulfide	4000	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Carbon tetrachloride	10	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Chloroethane	29200	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Chloroform	80	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
cis-1,2-Dichloroethene	200	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Ethyl benzene	700	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Freon-11	2000	ND < 1	ND < 5	--	--	--	--	--	--	--	--	--	--	--
Methylcyclohexane	Not Regulated	--	ND < 5	--	--	--	--	--	--	--	--	--	--	--
Methylene chloride	450	ND < 2	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Styrene	2600	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Tetrachloroethene	98	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Toluene	5200	ND < 1	ND < 5	33	22	ND < 5	ND < 5	21	11	ND < 5				
trans-1,2-Dichloroethene	160	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Trichloroethene	5	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Vinyl chloride	3	ND < 1	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	17	16	ND < 2
m&p-Xylene	10000	ND < 2	--	--	--	--	--	--	--	--	--	--	--	--
o-Xylene	10000	ND < 1	--	--	--	--	--	--	--	--	--	--	--	--
Xylenes (total)	10000	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5

Notes:

- 1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
- 2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
- 3)"--" = Compound was not included in the laboratory analysis.
- 4)Detections in excess of Type 3/4 groundwater RRS are shaded.
- 5) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
- 6) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
- 7) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-1
Summary of Concentrations of VOCs and 1,4-Dioxane in Groundwater
2002-2013
Avery Dennison Site
Flowery Branch, Georgia

VOC (µg/L)	Sample ID:	SBW-4	SBW-4	SBW-4	SBW-5	SBW-5	SBW-5	SBW-5	SBW-5	SBW-5	SBW-5	SBW-5	SBW-5	SBW-5
	Date:	5/1/2013	11/13/2013	11/13/2013	3/17/2005	6/25/2006	10/10/2006	2/22/2007	5/19/2007	10/23/2007	6/10/2009	10/20/2009	5/27/2010	11/1/2010
	Type 3/4 GW RRS	Duplicate		Duplicate										
1,1,1-Trichloroethane	13600	65	27	26	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1,2-Trichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethane	4000	38	17	17	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethene	520	140	49	48	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,2-Dichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,4-Dichlorobenzene	75	--	--	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,4-Dioxane	70	5.9	ND < 2	ND < 2	--	--	--	--	--	--	ND < 150	ND < 150	ND < 250	ND < 250
2-Butanone (MEK)	11800	ND < 10	ND < 10	ND < 10	ND < 10	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 10	ND < 10
Acetone	45600	ND < 20	ND < 20	ND < 20	ND < 20	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 25	ND < 25	ND < 20	ND < 20
Carbon disulfide	4000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5
Carbon tetrachloride	10	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5
Chloroethane	29200	ND < 5	ND < 5	ND < 5	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 1	ND < 1	ND < 5	ND < 5
Chloroform	80	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5
cis-1,2-Dichloroethene	200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5
Ethyl benzene	700	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5
Freon-11	2000	--	--	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	--
Methylcyclohexane	Not Regulated	--	--	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	ND < 5	--
Methylene chloride	450	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 2	ND < 2	ND < 5	ND < 5
Styrene	2600	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5
Tetrachloroethene	98	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5
Toluene	5200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5
trans-1,2-Dichloroethene	160	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5
Trichloroethene	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5
Vinyl chloride	3	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 1	ND < 1	ND < 2	ND < 2
m&p-Xylene	10000	--	--	--	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 2	ND < 2	--	--
o-Xylene	10000	--	--	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	--	--
Xylenes (total)	10000	ND < 5	ND < 5	ND < 5	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5

- Notes:
- 1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
 - 2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
 - 3)"--" = Compound was not included in the laboratory analysis.
 - 4)Detections in excess of Type 3/4 groundwater RRS are shaded.
 - 5) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
 - 6) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
 - 7) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-1
Summary of Concentrations of VOCs and 1,4-Dioxane in Groundwater
2002-2013
Avery Dennison Site
Flowery Branch, Georgia

VOC (µg/L)	Sample ID:	SBW-5	SBW-5	SBW-5	SBW-5	SBW-5	SBW-5	SBW-6	SBW-6	SBW-6	SBW-6	SBW-6	SBW-6	SBW-6
	Date:	2/6/2011	10/26/2011	4/26/2012	10/17/2012	5/1/2013	11/13/2013	3/18/2005	6/25/2006	10/10/2006	10/26/2011	4/26/2012	10/17/2012	5/1/2013
	Type 3/4 GW RRS													
1,1,1-Trichloroethane	13600	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	190	250	53	ND < 5	14	15	8
1,1,2-Trichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethane	4000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	180	370	250	ND < 5	39	78	26
1,1-Dichloroethene	520	3	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	4	150	180	140	2	18	40
1,2-Dichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,4-Dichlorobenzene	75	--	--	--	--	--	--	--	ND < 5	ND < 5	ND < 5	--	--	--
1,4-Dioxane	70	ND < 250	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	--	--	--	3.4	ND < 2	ND < 2	ND < 2
2-Butanone (MEK)	11800	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 50	ND < 50	ND < 10	ND < 10	ND < 10	ND < 10
Acetone	45600	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20	ND < 50	ND < 50	ND < 20	ND < 20	ND < 20	ND < 20
Carbon disulfide	4000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Carbon tetrachloride	10	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Chloroethane	29200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 10	ND < 10	ND < 10	ND < 5	ND < 5	ND < 5	ND < 5
Chloroform	80	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
cis-1,2-Dichloroethene	200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Ethyl benzene	700	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Freon-11	2000	--	--	--	--	--	--	ND < 5	ND < 5	ND < 5	--	--	--	--
Methylcyclohexane	Not Regulated	--	--	--	--	--	--	ND < 5	ND < 5	ND < 5	--	--	--	--
Methylene chloride	450	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Styrene	2600	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Tetrachloroethene	98	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Toluene	5200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
trans-1,2-Dichloroethene	160	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Trichloroethene	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Vinyl chloride	3	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	18	21	ND < 2	ND < 2	ND < 2	ND < 2
m&p-Xylene	10000	--	--	--	--	--	--	ND < 10	ND < 10	ND < 10	--	--	--	--
o-Xylene	10000	--	--	--	--	--	--	ND < 5	ND < 5	ND < 5	--	--	--	--
Xylenes (total)	10000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5

Notes:

- 1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
- 2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
- 3)"--" = Compound was not included in the laboratory analysis.
- 4)Detections in excess of Type 3/4 groundwater RRS are shaded.
- 5) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
- 6) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
- 7) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-1
Summary of Concentrations of VOCs and 1,4-Dioxane in Groundwater
2002-2013
Avery Dennison Site
Flowery Branch, Georgia

VOC (µg/L)	Sample ID:	SBW-6	SBW-7	SBW-7	SBW-7	SBW-7	SBW-7	SBW-7	SBW-7	SBW-7	SBW-7	SBW-7	SBW-7	SBW-7
	Date:	11/13/2013	3/18/2005	6/25/2006	10/11/2006	2/22/2007	5/19/2007	10/24/2007	5/27/2010	11/1/2010	2/6/2011	10/26/2011	4/26/2012	10/17/2012
	Type 3/4 GW RRS													
1,1,1-Trichloroethane	13600	ND < 5	10	46	54	100	110	35	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1,2-Trichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethane	4000	32	37	170	160	230	290	190	14	7	16	8	6	7
1,1-Dichloroethene	520	19	5.4	22	28	45	53	23	ND < 5	ND < 2	3	ND < 2	ND < 2	ND < 2
1,2-Dichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,4-Dichlorobenzene	75	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	--	--	--
1,4-Dioxane	70	ND < 2	--	--	--	--	--	--	ND < 250	ND < 250	ND < 250	2.9	3.4	2.7
2-Butanone (MEK)	11800	ND < 10	ND < 10	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10
Acetone	45600	ND < 20	ND < 20	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20
Carbon disulfide	4000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Carbon tetrachloride	10	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Chloroethane	29200	ND < 5	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Chloroform	80	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
cis-1,2-Dichloroethene	200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Ethyl benzene	700	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Freon-11	2000	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	--	--	--
Methylcyclohexane	Not Regulated	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	--	--	--
Methylene chloride	450	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Styrene	2600	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Tetrachloroethene	98	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Toluene	5200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
trans-1,2-Dichloroethene	160	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Trichloroethene	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Vinyl chloride	3	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2
m&p-Xylene	10000	--	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	--	--	--	--	--	--
o-Xylene	10000	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	--	--	--	--
Xylenes (total)	10000	ND < 5	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5

Notes:

- 1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
- 2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
- 3)"--" = Compound was not included in the laboratory analysis.
- 4)Detections in excess of Type 3/4 groundwater RRS are shaded.
- 5) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
- 6) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
- 7) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-1
Summary of Concentrations of VOCs and 1,4-Dioxane in Groundwater
2002-2013
Avery Dennison Site
Flowery Branch, Georgia

VOC (µg/L)	Sample ID:	SBW-7	SBW-7	SBW-8	SBW-8	SBW-8	SBW-8	SBW-8	SBW-8	SBW-8	SBW-8	SBW-8	SBW-8	SBW-8	
	Date:	5/1/2013	11/13/2013	3/18/2005	6/25/2006	10/10/2006	2/22/2007	5/19/2007	10/24/2007	6/10/2009	10/20/2009	5/27/2010	11/1/2010	2/6/2011	
	Type 3/4 GW RRS														
1,1,1-Trichloroethane	13600	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5
1,1,2-Trichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5
1,1-Dichloroethane	4000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5
1,1-Dichloroethene	520	ND < 2	ND < 2	6.4	ND < 5	ND < 5	ND < 5	5	ND < 5	7	7.2	ND < 5	2	6	
1,2-Dichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5
1,4-Dichlorobenzene	75	--	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	--	--
1,4-Dioxane	70	4.7	3.5	--	--	--	--	--	--	ND < 150	ND < 150	ND < 250	ND < 250	ND < 250	ND < 250
2-Butanone (MEK)	11800	ND < 10	ND < 10	ND < 10	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 5	ND < 5	ND < 10	ND < 10	ND < 10
Acetone	45600	ND < 20	ND < 20	ND < 20	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 25	ND < 25	ND < 20	ND < 20	ND < 20	ND < 20
Carbon disulfide	4000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5	ND < 5	ND < 5
Carbon tetrachloride	10	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5
Chloroethane	29200	ND < 5	ND < 5	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5
Chloroform	80	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5
cis-1,2-Dichloroethene	200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5
Ethyl benzene	700	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5
Freon-11	2000	--	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	--	--	--
Methylcyclohexane	Not Regulated	--	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	ND < 5	--	--	--
Methylene chloride	450	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 2	ND < 2	ND < 5	ND < 5	ND < 5	ND < 5
Styrene	2600	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5
Tetrachloroethene	98	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5
Toluene	5200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5
trans-1,2-Dichloroethene	160	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5
Trichloroethene	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5
Vinyl chloride	3	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 1	ND < 1	ND < 2	ND < 2	ND < 2	ND < 2
m&p-Xylene	10000	--	--	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 2	ND < 2	--	--	--	--
o-Xylene	10000	--	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	--	--	--	--
Xylenes (total)	10000	ND < 5	ND < 5	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5	ND < 5	ND < 5

Notes:

- 1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
- 2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
- 3) "--" = Compound was not included in the laboratory analysis.
- 4) Detections in excess of Type 3/4 groundwater RRS are shaded.
- 5) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
- 6) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
- 7) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-1
Summary of Concentrations of VOCs and 1,4-Dioxane in Groundwater
2002-2013
Avery Dennison Site
Flowery Branch, Georgia

VOC (µg/L)	Sample ID:	SBW-8	SBW-8	SBW-8	SBW-8	SBW-8	SBW-9	SBW-9	SBW-9	SBW-9	SBW-9	SBW-9	SBW-9	SBW-9
	Date:	10/26/2011	4/26/2012	10/17/2012	5/1/2013	11/12/2013	3/18/2005	6/25/2006	10/10/2006	2/22/2007	5/19/2007	10/24/2007	6/10/2009	10/20/2009
	Type 3/4 GW RRS													
1,1,1-Trichloroethane	13600	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	25	82	150	200	260	90	174	121
1,1,2-Trichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
1,1-Dichloroethane	4000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	17	73	65	73	100	45	46.3	29.9
1,1-Dichloroethene	520	5	4	3	3	ND < 2	100	180	420	580	790	260	499	389
1,2-Dichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
1,4-Dichlorobenzene	75	--	--	--	--	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
1,4-Dioxane	70	6.9	9	3.6	6.6	ND < 2	--	--	--	--	--	--	ND < 150	ND < 150
2-Butanone (MEK)	11800	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 5	ND < 5
Acetone	45600	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 25	ND < 25
Carbon disulfide	4000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--
Carbon tetrachloride	10	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
Chloroethane	29200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 1	ND < 1
Chloroform	80	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
cis-1,2-Dichloroethene	200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
Ethyl benzene	700	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
Freon-11	2000	--	--	--	--	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
Methylcyclohexane	Not Regulated	--	--	--	--	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--
Methylene chloride	450	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 2	ND < 2
Styrene	2600	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
Tetrachloroethene	98	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
Toluene	5200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
trans-1,2-Dichloroethene	160	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
Trichloroethene	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	1.9
Vinyl chloride	3	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	21	11	5.5	13	13	2.6	ND < 1
m&p-Xylene	10000	--	--	--	--	--	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 2	ND < 2
o-Xylene	10000	--	--	--	--	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
Xylenes (total)	10000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--

Notes:

- 1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
- 2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
- 3)"--" = Compound was not included in the laboratory analysis.
- 4)Detections in excess of Type 3/4 groundwater RRS are shaded.
- 5) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
- 6) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
- 7) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-1
Summary of Concentrations of VOCs and 1,4-Dioxane in Groundwater
2002-2013
Avery Dennison Site
Flowery Branch, Georgia

VOC (µg/L)	Sample ID:	SBW-9	SBW-9	SBW-9	SBW-9	SBW-9	SBW-9	SBW-9	SBW-9	SBW-10	SBW-10	SBW-10	SBW-10	SBW-10
	Date:	5/27/2010	11/1/2010	2/6/2011	10/26/2011	4/26/2012	10/17/2012	5/1/2013	11/12/2013	3/18/2005	6/25/2006	10/10/2006	2/22/2007	5/19/2007
	Type 3/4 GW RRS													
1,1,1-Trichloroethane	13600	130	130	160	130	170	220	260	19	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1,2-Trichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethane	4000	41	36	56	36	32	41	41	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethene	520	430	340	650	400	320	490	370	46	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,2-Dichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,4-Dichlorobenzene	75	ND < 5	--	--	--	--	--	--	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,4-Dioxane	70	ND < 250	ND < 250	ND < 250	150	130	160	310	57	--	--	--	--	--
2-Butanone (MEK)	11800	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 50	ND < 50	ND < 50	ND < 50
Acetone	45600	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20	ND < 50	ND < 50	ND < 50	ND < 50
Carbon disulfide	4000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Carbon tetrachloride	10	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Chloroethane	29200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10
Chloroform	80	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
cis-1,2-Dichloroethene	200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Ethyl benzene	700	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Freon-11	2000	ND < 5	--	--	--	--	--	--	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Methylcyclohexane	Not Regulated	ND < 5	--	--	--	--	--	--	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Methylene chloride	450	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Styrene	2600	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Tetrachloroethene	98	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Toluene	5200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
trans-1,2-Dichloroethene	160	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Trichloroethene	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Vinyl chloride	3	ND < 2	ND < 2	2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2
m&p-Xylene	10000	--	--	--	--	--	--	--	--	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10
o-Xylene	10000	--	--	--	--	--	--	--	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Xylenes (total)	10000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	ND < 5	ND < 5	ND < 5	ND < 5

Notes:

- 1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
- 2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
- 3) "--" = Compound was not included in the laboratory analysis.
- 4) Detections in excess of Type 3/4 groundwater RRS are shaded.
- 5) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
- 6) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
- 7) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-1
Summary of Concentrations of VOCs and 1,4-Dioxane in Groundwater
2002-2013
Avery Dennison Site
Flowery Branch, Georgia

VOC (µg/L)	Sample ID:	SBW-10	SBW-10	SBW-10	SBW-10	SBW-10	SBW-10	SBW-10	SBW-10	SBW-10	SBW-10	SBW-10
	Date:	10/24/2007	6/10/2009	10/20/2009	5/27/2010	11/1/2010	2/6/2011	10/26/2011	4/26/2012	10/17/2012	5/1/2013	11/12/2013
	Type 3/4 GW RRS											
1,1,1-Trichloroethane	13600	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1,2-Trichloroethane	5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethane	4000	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethene	520	ND < 5	ND < 1	ND < 1	ND < 5	ND < 2	ND < 2	ND < 2	ND < 2	6	7	ND < 2
1,2-Dichloroethane	5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,4-Dichlorobenzene	75	ND < 5	ND < 1	ND < 1	ND < 5	--	--	--	--	--	--	--
1,4-Dioxane	70	--	ND < 150	ND < 150	ND < 250	ND < 250	ND < 250	ND < 2	ND < 2	ND < 2	2.1	ND < 2
2-Butanone (MEK)	11800	ND < 50	ND < 5	ND < 5	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10
Acetone	45600	ND < 50	ND < 25	ND < 25	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20
Carbon disulfide	4000	ND < 5	--	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Carbon tetrachloride	10	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Chloroethane	29200	ND < 10	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Chloroform	80	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
cis-1,2-Dichloroethene	200	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Ethyl benzene	700	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Freon-11	2000	ND < 5	ND < 1	ND < 1	ND < 5	--	--	--	--	--	--	--
Methylcyclohexane	Not Regulated	ND < 5	--	--	ND < 5	--	--	--	--	--	--	--
Methylene chloride	450	ND < 5	ND < 2	ND < 2	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Styrene	2600	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Tetrachloroethene	98	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Toluene	5200	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
trans-1,2-Dichloroethene	160	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Trichloroethene	5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Vinyl chloride	3	ND < 2	ND < 1	ND < 1	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2
m&p-Xylene	10000	ND < 10	ND < 2	ND < 2	--	--	--	--	--	--	--	--
o-Xylene	10000	ND < 5	ND < 1	ND < 1	--	--	--	--	--	--	--	--
Xylenes (total)	10000	ND < 5	--	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5

- Notes:
- 1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
 - 2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
 - 3) "--" = Compound was not included in the laboratory analysis.
 - 4) Detections in excess of Type 3/4 groundwater RRS are shaded.
 - 5) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
 - 6) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
 - 7) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-2
Summary of Concentrations of VOCs and 1,4-Dioxane in Surface Water
2005-2013
Avery Dennison Site
Flowery Branch, GA

VOC (µg/L)	Location ID: Sample Date:	SW-DS-5 2/15/2011	SW-DS-5 4/26/2012	SW-DS-5 10/17/2012	SW-DS-5 5/1/2013	SW-DS-5 11/18/2013	SW-DS-4 2/15/2011	SW-DS-3 2/15/2011	SW-DS-2 2/6/2011	SW-DS-2 2/15/2011	SW-DS-2 10/26/2011
	In-stream Water Quality Criteria										
1,1,1-Trichloroethane	-	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethane	-	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethene	7100	3	ND < 2	2	ND < 2	3	3	4	2	4	6
1,4-Dioxane	-	ND < 250	ND < 2	ND < 2	ND < 2	ND < 2	ND < 250	ND < 250	ND < 250	ND < 250	2.1

Notes:

- 1) All concentrations are expressed in micrograms per liter (µg/L).
- 2) "-" indicates no in-stream water quality criteria.
- 3) Non-Detects are expressed as "ND < #", where # is the laboratory PQL.
- 4) In-stream Water Quality Criteria from Georgia Rules & Regulations for Water Quality Control Chapter 391-3-6.03 (rev Oct. 2, 2013).
- 5) Of the compounds detected in site surface water, only 1,1-Dichloroethene has an in-stream water quality criterion.
- 6) Detections of 1,1-Dichloroethene in excess of In-Stream Water Quality Criteria are shown in bold and shaded.

Table 4-2
Summary of Concentrations of VOCs and 1,4-Dioxane in Surface Water
 2005-2013
 Avery Dennison Site
 Flowery Branch, GA

VOC (µg/L)	Location ID:	SW-DS-2	SW-DS-2	SW-DS-2	SW-DS-2	SW-DS-2(Before Ledge)	SW-DS-1	SW-DS-1	SW-DS-1	SW-DS-1	SW-DS-1
	Sample Date:	4/26/2012	10/17/2012	5/1/2013	11/18/2013	2/15/2011	2/6/2011	2/15/2011	10/26/2011	4/26/2012	10/17/2012
	In-stream Water Quality Criteria										
1,1,1-Trichloroethane	-	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethane	-	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethene	7100	2	3	2	3	4	3	5	9	3	4
1,4-Dioxane	-	ND < 2	ND < 2	ND < 2	ND < 2	ND < 250	ND < 250	ND < 250	ND < 2	ND < 2	ND < 2

Notes:

- 1) All concentrations are expressed in micrograms per liter (µg/L).
- 2) "-" indicates no in-stream water quality criteria.
- 3) Non-Detects are expressed as "ND < #", where # is the laboratory PQL.
- 4) In-stream Water Quality Criteria from Georgia Rules & Regulations for Water Quality Control Chapter 391-3-6.03 (rev Oct. 2, 2013).
- 5) Of the compounds detected in site surface water, only 1,1-Dichloroethene has an in-stream water quality criterion.
- 6) Detections of 1,1-Dichloroethene in excess of In-Stream Water Quality Criteria are shown in bold and shaded.

Table 4-2
Summary of Concentrations of VOCs and 1,4-Dioxane in Surface Water
 2005-2013
 Avery Dennison Site
 Flowery Branch, GA

VOC (µg/L)	Location ID:	SW-DS-1	SW-DS-1	SW-0	SW-0	SW-0	SW-0	SW-0	SW-0	SW-0	SW-0
	Sample Date:	5/1/2013	11/18/2013	6/10/2009	10/20/2009	5/27/2010	5/27/2010	11/1/2010	11/1/2010	2/6/2011	2/6/2011
	In-stream Water Quality Criteria					Duplicate			Duplicate		Duplicate
1,1,1-Trichloroethane	-	ND < 5	ND < 5	1.8	1.2	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethane	-	ND < 5	ND < 5	1.1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethene	7100	2	3	3.6	2.8	ND < 5	ND < 5	4	4	3	3
1,4-Dioxane	-	ND < 2	ND < 2	ND < 150	ND < 150	ND < 250	ND < 250	ND < 250	ND < 250	ND < 250	ND < 250

Notes:

- 1) All concentrations are expressed in micrograms per liter (µg/L).
- 2) "-" indicates no in-stream water quality criteria.
- 3) Non-Detects are expressed as "ND < #", where # is the laboratory PQL.
- 4) In-stream Water Quality Criteria from Georgia Rules & Regulations for Water Quality Control Chapter 391-3-6.03 (rev Oct. 2, 2013).
- 5) Of the compounds detected in site surface water, only 1,1-Dichloroethene has an in-stream water quality criterion.
- 6) Detections of 1,1-Dichloroethene in excess of In-Stream Water Quality Criteria are shown in bold and shaded.

Table 4-2
Summary of Concentrations of VOCs and 1,4-Dioxane in Surface Water
 2005-2013
 Avery Dennison Site
 Flowery Branch, GA

VOC (µg/L)	Location ID:	SW-0	SW-0	SW-0	SW-0	SW-0	SW-0	SW-1	SW-1	SW-1	SW-1
	Sample Date:	2/15/2011	10/26/2011	4/26/2012	10/17/2012	5/1/2013	11/18/2013	3/15/2005	6/23/2006	10/10/2006	2/22/2007
	In-stream Water Quality Criteria										
1,1,1-Trichloroethane	-	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	8.6	ND < 5	ND < 5
1,1-Dichloroethane	-	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethene	7100	5	7	3	5	2	3	ND < 5	10	9.4	6.5
1,4-Dioxane	-	ND < 250	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	--	--	--	--

Notes:

- 1) All concentrations are expressed in micrograms per liter (µg/L).
- 2) "-" indicates no in-stream water quality criteria.
- 3) Non-Detects are expressed as "ND < #", where # is the laboratory PQL.
- 4) In-stream Water Quality Criteria from Georgia Rules & Regulations for Water Quality Control Chapter 391-3-6.03 (rev Oct. 2, 2013).
- 5) Of the compounds detected in site surface water, only 1,1-Dichloroethene has an in-stream water quality criterion.
- 6) Detections of 1,1-Dichloroethene in excess of In-Stream Water Quality Criteria are shown in bold and shaded.

Table 4-2
Summary of Concentrations of VOCs and 1,4-Dioxane in Surface Water
2005-2013
Avery Dennison Site
Flowery Branch, GA

VOC (µg/L)	Location ID:	SW-1	SW-1	SW-1	SW-1	SW-1	SW-1	SW-1	SW-1	SW-1	SW-1
	Sample Date:	5/19/2007	10/23/2007	6/10/2009	6/10/2009	10/20/2009	10/20/2009	5/27/2010	11/1/2010	2/6/2011	2/15/2011
	In-stream Water Quality Criteria				Duplicate		Duplicate				
1,1,1-Trichloroethane	-	7.8	9	2.5	2.5	1.2	1.3	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethane	-	ND < 5	5.2	1.4	1.3	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethene	7100	10	19	5	5.4	2.8	3	ND < 5	6	3	5
1,4-Dioxane	-	--	--	ND < 150	ND < 150	ND < 150	ND < 150	ND < 250	ND < 250	ND < 250	ND < 250

Notes:

- 1) All concentrations are expressed in micrograms per liter (µg/L).
- 2) "-" indicates no in-stream water quality criteria.
- 3) Non-Detects are expressed as "ND < #", where # is the laboratory PQL.
- 4) In-stream Water Quality Criteria from Georgia Rules & Regulations for Water Quality Control Chapter 391-3-6.03 (rev Oct. 2, 2013).
- 5) Of the compounds detected in site surface water, only 1,1-Dichloroethene has an in-stream water quality criterion.
- 6) Detections of 1,1-Dichloroethene in excess of In-Stream Water Quality Criteria are shown in bold and shaded.

Table 4-2
Summary of Concentrations of VOCs and 1,4-Dioxane in Surface Water
 2005-2013
 Avery Dennison Site
 Flowery Branch, GA

VOC (µg/L)	Location ID:	SW-1	SW-1	SW-1	SW-1	SW-1	SW-1	SW-1	SW-1	SW-1	SW-1
	Sample Date:	10/26/2011	10/26/2011	4/26/2012	4/26/2012	10/17/2012	10/17/2012	5/1/2013	5/1/2013	11/18/2013	11/18/2013
	In-stream Water Quality Criteria		Duplicate		Duplicate		Duplicate		Duplicate		Duplicate
1,1,1-Trichloroethane	-	5	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethane	-	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethene	7100	17	17	5	5	6	7	3	3	4	3
1,4-Dioxane	-	2	2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2

Notes:

- 1) All concentrations are expressed in micrograms per liter (µg/L).
- 2) "-" indicates no in-stream water quality criteria.
- 3) Non-Detects are expressed as "ND < #", where # is the laboratory PQL.
- 4) In-stream Water Quality Criteria from Georgia Rules & Regulations for Water Quality Control Chapter 391-3-6.03 (rev Oct. 2, 2013).
- 5) Of the compounds detected in site surface water, only 1,1-Dichloroethene has an in-stream water quality criterion.
- 6) Detections of 1,1-Dichloroethene in excess of In-Stream Water Quality Criteria are shown in bold and shaded.

Table 4-2
Summary of Concentrations of VOCs and 1,4-Dioxane in Surface Water
 2005-2013
 Avery Dennison Site
 Flowery Branch, GA

VOC (µg/L)	Location ID: Sample Date:	SW-2 3/15/2005	SW-2 6/25/2006	SW-2 10/10/2006	SW-2 2/22/2007	SW-2 5/19/2007	SW-2 10/23/2007	SW-2 6/10/2009	SW-2 10/20/2009	SW-2 5/27/2010	SW-2 11/1/2010
	In-stream Water Quality Criteria										
1,1,1-Trichloroethane	-	ND < 5	ND < 5	7.7	ND < 5	18	25	3.4	1.5	ND < 5	ND < 5
1,1-Dichloroethane	-	ND < 5	ND < 5	ND < 5	ND < 5	5.7	12	1.8	ND < 1	ND < 5	ND < 5
1,1-Dichloroethene	7100	ND < 5	ND < 5	14	6.7	24	47	6.5	3.3	ND < 5	9
1,4-Dioxane	-	--	--	--	--	--	--	ND < 150	ND < 150	ND < 250	ND < 250

Notes:

- 1) All concentrations are expressed in micrograms per liter (µg/L).
- 2) "-" indicates no in-stream water quality criteria.
- 3) Non-Detects are expressed as "ND < #", where # is the laboratory PQL.
- 4) In-stream Water Quality Criteria from Georgia Rules & Regulations for Water Quality Control Chapter 391-3-6.03 (rev Oct. 2, 2013).
- 5) Of the compounds detected in site surface water, only 1,1-Dichloroethene has an in-stream water quality criterion.
- 6) Detections of 1,1-Dichloroethene in excess of In-Stream Water Quality Criteria are shown in bold and shaded.

Table 4-2
Summary of Concentrations of VOCs and 1,4-Dioxane in Surface Water
2005-2013
Avery Dennison Site
Flowery Branch, GA

VOC (µg/L)	Location ID: Sample Date:	SW-2 2/6/2011	SW-2 10/26/2011	SW-2 4/26/2012	SW-2 10/17/2012	SW-2 5/1/2013	SW-2 11/18/2013	SW-3 3/15/2005	SW-3 6/25/2006	SW-3 10/10/2006	SW-3 2/22/2007
	In-stream Water Quality Criteria										
1,1,1-Trichloroethane	-	ND < 5	8	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethane	-	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethene	7100	4	24	6	6	3	5	ND < 5	ND < 5	ND < 5	ND < 5
1,4-Dioxane	-	ND < 250	2.3	ND < 2	ND < 2	ND < 2	ND < 2	--	--	--	--

Notes:

- 1) All concentrations are expressed in micrograms per liter (µg/L).
- 2) "-" indicates no in-stream water quality criteria.
- 3) Non-Detects are expressed as "ND < #", where # is the laboratory PQL.
- 4) In-stream Water Quality Criteria from Georgia Rules & Regulations for Water Quality Control Chapter 391-3-6.03 (rev Oct. 2, 2013).
- 5) Of the compounds detected in site surface water, only 1,1-Dichloroethene has an in-stream water quality criterion.
- 6) Detections of 1,1-Dichloroethene in excess of In-Stream Water Quality Criteria are shown in bold and shaded.

Table 4-2
Summary of Concentrations of VOCs and 1,4-Dioxane in Surface Water
 2005-2013
 Avery Dennison Site
 Flowery Branch, GA

VOC (µg/L)	Location ID:	SW-3	SW-3	SW-3	SW-3	SW-3	SW-3	SW-3	SW-3	SW-3	SW-3
	Sample Date:	5/19/2007	10/23/2007	6/10/2009	10/20/2009	5/27/2010	11/1/2010	2/6/2011	10/26/2011	4/26/2012	10/17/2012
	In-stream Water Quality Criteria										
1,1,1-Trichloroethane	-	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethane	-	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethene	7100	5.9	ND < 5	1.6	1.2	ND < 5	2	ND < 2	2	3	4
1,4-Dioxane	-	--	--	ND < 150	ND < 150	ND < 250	ND < 250	ND < 250	2.1	ND < 2	ND < 2

Notes:

- 1) All concentrations are expressed in micrograms per liter (µg/L).
- 2) "-" indicates no in-stream water quality criteria.
- 3) Non-Detects are expressed as "ND < #", where # is the laboratory PQL.
- 4) In-stream Water Quality Criteria from Georgia Rules & Regulations for Water Quality Control Chapter 391-3-6.03 (rev Oct. 2, 2013).
- 5) Of the compounds detected in site surface water, only 1,1-Dichloroethene has an in-stream water quality criterion.
- 6) Detections of 1,1-Dichloroethene in excess of In-Stream Water Quality Criteria are shown in bold and shaded.

Table 4-2
Summary of Concentrations of VOCs and 1,4-Dioxane in Surface Water
2005-2013
Avery Dennison Site
Flowery Branch, GA

VOC (µg/L)	Location ID:	SW-3	SW-3	SW-4	SW-4	SW-4	SW-4	SW-4	SW-4	SW-4	SW-4
	Sample Date:	5/1/2013	11/18/2013	3/15/2005	6/25/2006	10/10/2006	2/22/2007	5/19/2007	10/23/2007	6/10/2009	10/20/2009
	In-stream Water Quality Criteria										
1,1,1-Trichloroethane	-	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
1,1-Dichloroethane	-	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
1,1-Dichloroethene	7100	ND < 2	4	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	1.1	ND < 1
1,4-Dioxane	-	ND < 2	ND < 2	--	--	--	--	--	--	ND < 150	ND < 150

Notes:

- 1) All concentrations are expressed in micrograms per liter (µg/L).
- 2) "-" indicates no in-stream water quality criteria.
- 3) Non-Detects are expressed as "ND < #", where # is the laboratory PQL.
- 4) In-stream Water Quality Criteria from Georgia Rules & Regulations for Water Quality Control Chapter 391-3-6.03 (rev Oct. 2, 2013).
- 5) Of the compounds detected in site surface water, only 1,1-Dichloroethene has an in-stream water quality criterion.
- 6) Detections of 1,1-Dichloroethene in excess of In-Stream Water Quality Criteria are shown in bold and shaded.

Table 4-2
Summary of Concentrations of VOCs and 1,4-Dioxane in Surface Water
2005-2013
Avery Dennison Site
Flowery Branch, GA

VOC (µg/L)	Location ID:	SW-4	SW-4	SW-4	SW-4	SW-4	SW-4	SW-4	SW-4	SW-5	SW-5
	Sample Date:	5/27/2010	11/1/2010	2/6/2011	10/26/2011	4/26/2012	10/17/2012	5/1/2013	11/18/2013	3/15/2005	6/25/2006
	In-stream Water Quality Criteria										
1,1,1-Trichloroethane	-	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethane	-	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethene	7100	ND < 5	ND < 2	2	3	ND < 2	ND < 2	ND < 2	ND < 2	ND < 5	ND < 5
1,4-Dioxane	-	ND < 250	ND < 250	ND < 250	2.6	ND < 2	ND < 2	ND < 2	ND < 2	--	--

Notes:

- 1) All concentrations are expressed in micrograms per liter (µg/L).
- 2) "-" indicates no in-stream water quality criteria.
- 3) Non-Detects are expressed as "ND < #", where # is the laboratory PQL.
- 4) In-stream Water Quality Criteria from Georgia Rules & Regulations for Water Quality Control Chapter 391-3-6.03 (rev Oct. 2, 2013).
- 5) Of the compounds detected in site surface water, only 1,1-Dichloroethene has an in-stream water quality criterion.
- 6) Detections of 1,1-Dichloroethene in excess of In-Stream Water Quality Criteria are shown in bold and shaded.

Table 4-2
Summary of Concentrations of VOCs and 1,4-Dioxane in Surface Water
 2005-2013
 Avery Dennison Site
 Flowery Branch, GA

VOC (µg/L)	Location ID:	SW-5	SW-5	SW-5	SW-5	SW-5	SW-5	SW-5	SW-5	SW-5	SW-5
	Sample Date:	10/10/2006	2/22/2007	5/19/2007	10/23/2007	6/10/2009	10/20/2009	5/27/2010	11/1/2010	2/6/2011	10/26/2011
	In-stream Water Quality Criteria										
1,1,1-Trichloroethane	-	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethane	-	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethene	7100	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 2	ND < 2	ND < 2
1,4-Dioxane	-	--	--	--	--	ND < 150	ND < 150	ND < 250	ND < 250	ND < 250	ND < 2

Notes:

- 1) All concentrations are expressed in micrograms per liter (µg/L).
- 2) "-" indicates no in-stream water quality criteria.
- 3) Non-Detects are expressed as "ND < #", where # is the laboratory PQL.
- 4) In-stream Water Quality Criteria from Georgia Rules & Regulations for Water Quality Control Chapter 391-3-6.03 (rev Oct. 2, 2013).
- 5) Of the compounds detected in site surface water, only 1,1-Dichloroethene has an in-stream water quality criterion.
- 6) Detections of 1,1-Dichloroethene in excess of In-Stream Water Quality Criteria are shown in bold and shaded.

Table 4-2
Summary of Concentrations of VOCs and 1,4-Dioxane in Surface Water
2005-2013
Avery Dennison Site
Flowery Branch, GA

VOC (µg/L)	Location ID:	SW-5	SW-5	SW-5	SW-5	SW-6	SW-6	SW-6	SW-6	SW-6	SW-6
	Sample Date:	4/26/2012	10/17/2012	5/1/2013	11/18/2013	3/15/2005	6/25/2006	10/10/2006	2/22/2007	5/19/2007	10/23/2007
	In-stream Water Quality Criteria										
1,1,1-Trichloroethane	-	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethane	-	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethene	7100	ND < 2	ND < 2	ND < 2	ND < 2	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,4-Dioxane	-	ND < 2	ND < 2	ND < 2	ND < 2	--	--	--	--	--	--

Notes:

- 1) All concentrations are expressed in micrograms per liter (µg/L).
- 2) "-" indicates no in-stream water quality criteria.
- 3) Non-Detects are expressed as "ND < #", where # is the laboratory PQL.
- 4) In-stream Water Quality Criteria from Georgia Rules & Regulations for Water Quality Control Chapter 391-3-6.03 (rev Oct. 2, 2013).
- 5) Of the compounds detected in site surface water, only 1,1-Dichloroethene has an in-stream water quality criterion.
- 6) Detections of 1,1-Dichloroethene in excess of In-Stream Water Quality Criteria are shown in bold and shaded.

Table 4-2
Summary of Concentrations of VOCs and 1,4-Dioxane in Surface Water
 2005-2013
 Avery Dennison Site
 Flowery Branch, GA

VOC (µg/L)	Location ID:	SW-6	SW-6	SW-6	SW-6	SW-6	SW-6	SW-6	SW-6	SW-6
	Sample Date:	10/20/2009	5/27/2010	11/1/2010	2/6/2011	10/26/2011	4/26/2012	10/17/2012	5/1/2013	11/18/2013
	In-stream Water Quality Criteria									
1,1,1-Trichloroethane	-	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethane	-	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethene	7100	ND < 1	ND < 5	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2
1,4-Dioxane	-	ND < 150	ND < 250	ND < 250	ND < 250	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2

Notes:

- 1) All concentrations are expressed in micrograms per liter (µg/L).
- 2) "-" indicates no in-stream water quality criteria.
- 3) Non-Detects are expressed as "ND < #", where # is the laboratory PQL.
- 4) In-stream Water Quality Criteria from Georgia Rules & Regulations for Water Quality Control Chapter 391-3-6.03 (rev Oct. 2, 2013).
- 5) Of the compounds detected in site surface water, only 1,1-Dichloroethene has an in-stream water quality criterion.
- 6) Detections of 1,1-Dichloroethene in excess of In-Stream Water Quality Criteria are shown in bold and shaded.

APPENDIX A

Warranty Deed for Acquired Wrigley Parcel

000521

GEORGIA, HALL COUNTY, CLERK SUPERIOR COURT
Filed in office, this 25 day of September
20 13 at 11:19 Am. Recorded in Deed
Book 7261 Page(s) 521-524
Charles Baker, Clerk By JN

Return To:
Specialized Title Services, Inc.
6133 Peachtree Dunwoody Road
Atlanta, GA 30328

022928

Transfer Tax: \$330.00

After recordation, return to:
Troutman Sanders LLP
600 Peachtree Street NE, Suite 5200
Atlanta, GA 30308
Attn: Bradley J. Breece

HALL COUNTY, Georgia
Real Estate Transfer Tax

Paid \$ 330.00

Date 9-25-13
Charles Baker
Superior Court Clerk

By JN

STATE OF GEORGIA

PT61 069-2013006067

COUNTY OF HALL

LIMITED WARRANTY DEED

THIS INDENTURE is made as of the 6th day of September, 2013, by and between **Wrigley Manufacturing Company, LLC**, a Delaware limited liability company ("Grantor"), and **Avery Dennison Corporation**, a Delaware corporation ("Grantee"). The words "Grantor" and "Grantee" shall include their respective heirs, personal representatives, successors and assigns where the context requires or permits.

WITNESSETH:

GRANTOR, for and in consideration of the sum of _____, and other good and valuable consideration, the receipt, adequacy, and sufficiency of which are hereby acknowledged by Grantor, has granted, bargained, sold, aliened, conveyed and confirmed and does hereby grant, bargain, sell, alien, convey and confirm unto Grantee the following described real property:

ALL THAT TRACT OR PARCEL of land lying and being in Land Lot 92, 8th District, Hall County, Georgia, and being more particularly described on Exhibit "A" attached hereto and by this reference made a part hereof (the "Land"), together with all plants, trees, shrubbery, buildings, structures and improvements thereon, and any right, title and interest of Grantor in and to any land lying in the bed of any street, road or highway in front of or adjoining said Land, together with any strips or gores relating to the Land (hereinafter collectively referred to as the "Property").

TO HAVE AND TO HOLD the Property, together with all and singular the rights, members and appurtenances thereto, to the same being, belonging, or in anywise appertaining, to the only proper use, benefit and behoof of Grantee forever in FEE SIMPLE.

AND GRANTOR WILL WARRANT and forever defend the right and title to the Property unto Grantee against the lawful claims of all persons owning, holding or claiming by, through or under Grantor, but not otherwise.

This conveyance and foregoing warranty of title are made subject only to those matters more particularly set forth on Exhibit "B" attached hereto and by this reference made a part hereof.

IN WITNESS WHEREOF, Grantor has signed and sealed this deed, the day and year first above written.

GRANTOR:

Signed, sealed and delivered
in the presence of:

Wrigley Manufacturing Company, LLC,
a Delaware limited liability company

Beverly Stevens
Witness

By: *James FitzGerald* (SEAL)
Name: James FitzGerald
Title: Director-Factory Operations-Gainesville,
Supply Chain Technical Team

Bonnie L Kortes
Notary Public
Commission Expiration Date:

June 27, 2016

(NOTARY SEAL)

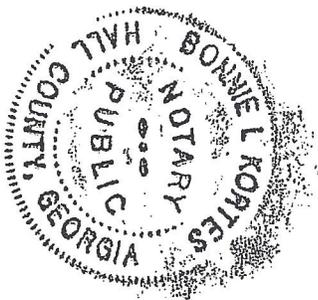


EXHIBIT "A"

000523

Legal Description

ALL THAT CERTAIN TRACT OR PARCEL OF LAND lying and being in Land Lot 92 of the 8th District, Hall County, Georgia, and being more particularly described as Tract 3, approximately 8.000 acres, more or less, on that Survey for Avery Dennison, prepared by Moreland Altobelli Associates, Inc., Donald Rex Jones, Georgia Registered Land Surveyor No. 2396, dated December 5, 2012, Job No. 05g113, as per Plat recorded in Plat Book 867, Page 56, Records of Hall County, Georgia.

EXHIBIT "B"

000524

Permitted Exceptions

1. All taxes for the year 2013 and subsequent years.
2. Riparian rights incident to the premises.
3. Easement from Lydia Banks McCrary, et al., to Southern Bell Telephone and Telegraph Company (Incorporated), dated December 3, 1943, recorded March 1, 1944 in Deed Book 96, Page 72, Records of Hall County, Georgia.
4. Easement from R. Banks to Georgia Power Company, dated November 28, 1945, recorded November 30, 1945 in Deed Book 100, Page 437, aforesaid Records.
5. Easement from R. Banks to Georgia Power Company, dated August 1, 1966, filed for record August 12, 1966 at 9:00 a.m., recorded in Deed Book 333, Page 466, aforesaid Records.
6. Easement from Wm. Wrigley, Jr. Company, a Delaware corporation, to Southern Railway Company, a Virginia corporation, dated July 2, 1970, filed for record November 6, 1970 at 12:15 p.m., recorded in Deed Book 435, Page 462, aforesaid Records.

APPENDIX B

Groundwater and Surface Water Laboratory Analytical Reports

ANALYTICAL RESULTS

Prepared by:

Eurofins Lancaster Laboratories Environmental
2425 New Holland Pike
Lancaster, PA 17601

Prepared for:

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

November 25, 2013

Project: AD-GA/1-0145-04

Submittal Date: 11/15/2013

Group Number: 1434362

PO Number: 1-0145-04

State of Sample Origin: GA

<u>Client Sample Description</u>	<u>Lancaster Labs (LL) #</u>
TB-PAE-111213 Water	7279158
SBW-10 Grab Groundwater	7279159
SBW-9 Grab Groundwater	7279160
SBW-8 Grab Groundwater	7279161
SBW-6 Grab Groundwater	7279162
SBW-5 Grab Groundwater	7279163
SBW-4 Grab Groundwater	7279164
SBW-4 MS Grab Groundwater	7279165
SBW-4 MSD Grab Groundwater	7279166
SBW-2 Grab Groundwater	7279167
SBW-1 Grab Groundwater	7279168
SBW-DUP Grab Groundwater	7279169
SBW-3 Grab Groundwater	7279170
SBW-7 Grab Groundwater	7279171

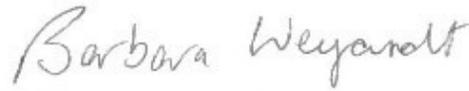
The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Sample Analysis Record.

ELECTRONIC The Johnson Company, Inc.
COPY TO
ELECTRONIC The Johnson Company, Inc.
COPY TO

Attn: Glen Kirkpatrick

Attn: Tristan Hardy

Respectfully Submitted,



Barbara A. Weyandt
Specialist

(717) 556-7264

Sample Description: TB-PAE-111213 Water
AD-GA/1-0145-04

LL Sample # WW 7279158
LL Group # 1434362
Account # 06556

Project Name: AD-GA/1-0145-04

Collected: 11/12/2013

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

Submitted: 11/15/2013 09:15
Reported: 11/25/2013 13:54

504TB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles	SW-846 8260B	ug/l	ug/l	
10335	Acetone	67-64-1	< 20	20	1
10335	Benzene	71-43-2	< 5	5	1
10335	Bromodichloromethane	75-27-4	< 5	5	1
10335	Bromoform	75-25-2	< 5	5	1
10335	Bromomethane	74-83-9	< 5	5	1
10335	2-Butanone	78-93-3	< 10	10	1
10335	Carbon Disulfide	75-15-0	< 5	5	1
10335	Carbon Tetrachloride	56-23-5	< 5	5	1
10335	Chlorobenzene	108-90-7	< 5	5	1
10335	Chloroethane	75-00-3	< 5	5	1
10335	Chloroform	67-66-3	< 5	5	1
10335	Chloromethane	74-87-3	< 5	5	1
10335	Dibromochloromethane	124-48-1	< 5	5	1
10335	1,1-Dichloroethane	75-34-3	< 5	5	1
10335	1,2-Dichloroethane	107-06-2	< 5	5	1
10335	1,1-Dichloroethene	75-35-4	< 2	2	1
10335	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10335	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10335	1,2-Dichloropropane	78-87-5	< 5	5	1
10335	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10335	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10335	Ethylbenzene	100-41-4	< 5	5	1
10335	2-Hexanone	591-78-6	< 10	10	1
10335	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10335	Methylene Chloride	75-09-2	< 5	5	1
10335	Styrene	100-42-5	< 5	5	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10335	Tetrachloroethene	127-18-4	< 5	5	1
10335	Toluene	108-88-3	< 5	5	1
10335	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10335	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10335	Trichloroethene	79-01-6	< 5	5	1
10335	Vinyl Chloride	75-01-4	< 2	2	1
10335	Xylene (Total)	1330-20-7	< 5	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/14

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	8260 Ext. Water Master w/GRO	SW-846 8260B	1	N133261AA	11/22/2013 09:50	Linda C Pape	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N133261AA	11/22/2013 09:50	Linda C Pape	1

Sample Description: SBW-10 Grab Groundwater
AD-GA/1-0145-04

LL Sample # WW 7279159
LL Group # 1434362
Account # 06556

Project Name: AD-GA/1-0145-04

Collected: 11/12/2013 15:50 by PE

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

Submitted: 11/15/2013 09:15
Reported: 11/25/2013 13:54

50410

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles SW-846 8260B			ug/l	ug/l	
10335	Acetone	67-64-1	< 20	20	1
10335	Benzene	71-43-2	< 5	5	1
10335	Bromodichloromethane	75-27-4	< 5	5	1
10335	Bromoform	75-25-2	< 5	5	1
10335	Bromomethane	74-83-9	< 5	5	1
10335	2-Butanone	78-93-3	< 10	10	1
10335	Carbon Disulfide	75-15-0	< 5	5	1
10335	Carbon Tetrachloride	56-23-5	< 5	5	1
10335	Chlorobenzene	108-90-7	< 5	5	1
10335	Chloroethane	75-00-3	< 5	5	1
10335	Chloroform	67-66-3	< 5	5	1
10335	Chloromethane	74-87-3	< 5	5	1
10335	Dibromochloromethane	124-48-1	< 5	5	1
10335	1,1-Dichloroethane	75-34-3	< 5	5	1
10335	1,2-Dichloroethane	107-06-2	< 5	5	1
10335	1,1-Dichloroethene	75-35-4	< 2	2	1
10335	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10335	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10335	1,2-Dichloropropane	78-87-5	< 5	5	1
10335	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10335	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10335	Ethylbenzene	100-41-4	< 5	5	1
10335	2-Hexanone	591-78-6	< 10	10	1
10335	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10335	Methylene Chloride	75-09-2	< 5	5	1
10335	Styrene	100-42-5	< 5	5	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10335	Tetrachloroethene	127-18-4	< 5	5	1
10335	Toluene	108-88-3	< 5	5	1
10335	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10335	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10335	Trichloroethene	79-01-6	< 5	5	1
10335	Vinyl Chloride	75-01-4	< 2	2	1
10335	Xylene (Total)	1330-20-7	< 5	5	1
GC/MS Volatiles SW-846 8260B SIM			ug/l	ug/l	
00527	1,4-Dioxane	123-91-1	< 2.0	2.0	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/14

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial# Batch#	Analysis Date and Time	Analyst	Dilution Factor
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Sample Description: SBW-10 Grab Groundwater
AD-GA/1-0145-04

LL Sample # WW 7279159
LL Group # 1434362
Account # 06556

Project Name: AD-GA/1-0145-04

Collected: 11/12/2013 15:50 by PE

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

Submitted: 11/15/2013 09:15

Reported: 11/25/2013 13:54

50410

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	8260 Ext. Water Master w/GRO	SW-846 8260B	1	N133261BA	11/22/2013 13:08	Linda C Pape	1
00527	1,4-Dioxane by Isotope Dil SIM	SW-846 8260B SIM	1	E133241AA	11/20/2013 13:42	Jason M Long	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	E133241AA	11/20/2013 13:42	Jason M Long	1
01163	GC/MS VOA Water Prep	SW-846 5030B	2	N133261BA	11/22/2013 13:08	Linda C Pape	1

Sample Description: SBW-9 Grab Groundwater
AD-GA/1-0145-04

LL Sample # WW 7279160
LL Group # 1434362
Account # 06556

Project Name: AD-GA/1-0145-04

Collected: 11/12/2013 16:30 by PE

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

Submitted: 11/15/2013 09:15
Reported: 11/25/2013 13:54

50409

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles SW-846 8260B			ug/l	ug/l	
10335	Acetone	67-64-1	< 20	20	1
10335	Benzene	71-43-2	< 5	5	1
10335	Bromodichloromethane	75-27-4	< 5	5	1
10335	Bromoform	75-25-2	< 5	5	1
10335	Bromomethane	74-83-9	< 5	5	1
10335	2-Butanone	78-93-3	< 10	10	1
10335	Carbon Disulfide	75-15-0	< 5	5	1
10335	Carbon Tetrachloride	56-23-5	< 5	5	1
10335	Chlorobenzene	108-90-7	< 5	5	1
10335	Chloroethane	75-00-3	< 5	5	1
10335	Chloroform	67-66-3	< 5	5	1
10335	Chloromethane	74-87-3	< 5	5	1
10335	Dibromochloromethane	124-48-1	< 5	5	1
10335	1,1-Dichloroethane	75-34-3	< 5	5	1
10335	1,2-Dichloroethane	107-06-2	< 5	5	1
10335	1,1-Dichloroethene	75-35-4	46	2	1
10335	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10335	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10335	1,2-Dichloropropane	78-87-5	< 5	5	1
10335	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10335	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10335	Ethylbenzene	100-41-4	< 5	5	1
10335	2-Hexanone	591-78-6	< 10	10	1
10335	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10335	Methylene Chloride	75-09-2	< 5	5	1
10335	Styrene	100-42-5	< 5	5	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10335	Tetrachloroethene	127-18-4	< 5	5	1
10335	Toluene	108-88-3	< 5	5	1
10335	1,1,1-Trichloroethane	71-55-6	19	5	1
10335	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10335	Trichloroethene	79-01-6	< 5	5	1
10335	Vinyl Chloride	75-01-4	< 2	2	1
10335	Xylene (Total)	1330-20-7	< 5	5	1
GC/MS Volatiles SW-846 8260B SIM			ug/l	ug/l	
00527	1,4-Dioxane	123-91-1	57	20	10

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/14

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial# Batch#	Analysis Date and Time	Analyst	Dilution Factor
---------	---------------	--------	---------------	------------------------	---------	-----------------

Sample Description: SBW-9 Grab Groundwater
AD-GA/1-0145-04

LL Sample # WW 7279160
LL Group # 1434362
Account # 06556

Project Name: AD-GA/1-0145-04

Collected: 11/12/2013 16:30 by PE

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

Submitted: 11/15/2013 09:15

Reported: 11/25/2013 13:54

50409

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	8260 Ext. Water Master w/GRO	SW-846 8260B	1	N133261BA	11/22/2013 13:32	Linda C Pape	1
00527	1,4-Dioxane by Isotope Dil SIM	SW-846 8260B SIM	1	E133241AA	11/20/2013 19:11	Jason M Long	10
01163	GC/MS VOA Water Prep	SW-846 5030B	1	E133241AA	11/20/2013 19:11	Jason M Long	10
01163	GC/MS VOA Water Prep	SW-846 5030B	2	N133261BA	11/22/2013 13:32	Linda C Pape	1

Sample Description: SBW-8 Grab Groundwater
AD-GA/1-0145-04

LL Sample # WW 7279161
LL Group # 1434362
Account # 06556

Project Name: AD-GA/1-0145-04

Collected: 11/12/2013 17:10 by PE

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

Submitted: 11/15/2013 09:15
Reported: 11/25/2013 13:54

50408

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles SW-846 8260B			ug/l	ug/l	
10335	Acetone	67-64-1	< 20	20	1
10335	Benzene	71-43-2	< 5	5	1
10335	Bromodichloromethane	75-27-4	< 5	5	1
10335	Bromoform	75-25-2	< 5	5	1
10335	Bromomethane	74-83-9	< 5	5	1
10335	2-Butanone	78-93-3	< 10	10	1
10335	Carbon Disulfide	75-15-0	< 5	5	1
10335	Carbon Tetrachloride	56-23-5	< 5	5	1
10335	Chlorobenzene	108-90-7	< 5	5	1
10335	Chloroethane	75-00-3	< 5	5	1
10335	Chloroform	67-66-3	< 5	5	1
10335	Chloromethane	74-87-3	< 5	5	1
10335	Dibromochloromethane	124-48-1	< 5	5	1
10335	1,1-Dichloroethane	75-34-3	< 5	5	1
10335	1,2-Dichloroethane	107-06-2	< 5	5	1
10335	1,1-Dichloroethene	75-35-4	< 2	2	1
10335	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10335	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10335	1,2-Dichloropropane	78-87-5	< 5	5	1
10335	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10335	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10335	Ethylbenzene	100-41-4	< 5	5	1
10335	2-Hexanone	591-78-6	< 10	10	1
10335	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10335	Methylene Chloride	75-09-2	< 5	5	1
10335	Styrene	100-42-5	< 5	5	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10335	Tetrachloroethene	127-18-4	< 5	5	1
10335	Toluene	108-88-3	< 5	5	1
10335	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10335	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10335	Trichloroethene	79-01-6	< 5	5	1
10335	Vinyl Chloride	75-01-4	< 2	2	1
10335	Xylene (Total)	1330-20-7	< 5	5	1
GC/MS Volatiles SW-846 8260B SIM			ug/l	ug/l	
00527	1,4-Dioxane	123-91-1	< 2.0	2.0	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/14

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial# Batch#	Analysis Date and Time	Analyst	Dilution Factor
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Sample Description: SBW-8 Grab Groundwater
AD-GA/1-0145-04

LL Sample # WW 7279161
LL Group # 1434362
Account # 06556

Project Name: AD-GA/1-0145-04

Collected: 11/12/2013 17:10 by PE

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

Submitted: 11/15/2013 09:15

Reported: 11/25/2013 13:54

50408

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	8260 Ext. Water Master w/GRO	SW-846 8260B	1	N133261BA	11/22/2013 13:58	Linda C Pape	1
00527	1,4-Dioxane by Isotope Dil SIM	SW-846 8260B SIM	1	E133241AA	11/20/2013 16:47	Jason M Long	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	E133241AA	11/20/2013 16:47	Jason M Long	1
01163	GC/MS VOA Water Prep	SW-846 5030B	2	N133261BA	11/22/2013 13:58	Linda C Pape	1

Sample Description: SBW-6 Grab Groundwater
AD-GA/1-0145-04

LL Sample # WW 7279162
LL Group # 1434362
Account # 06556

Project Name: AD-GA/1-0145-04

Collected: 11/13/2013 09:30 by PE

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

Submitted: 11/15/2013 09:15

Reported: 11/25/2013 13:54

50406

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles SW-846 8260B			ug/l	ug/l	
10335	Acetone	67-64-1	< 20	20	1
10335	Benzene	71-43-2	< 5	5	1
10335	Bromodichloromethane	75-27-4	< 5	5	1
10335	Bromoform	75-25-2	< 5	5	1
10335	Bromomethane	74-83-9	< 5	5	1
10335	2-Butanone	78-93-3	< 10	10	1
10335	Carbon Disulfide	75-15-0	< 5	5	1
10335	Carbon Tetrachloride	56-23-5	< 5	5	1
10335	Chlorobenzene	108-90-7	< 5	5	1
10335	Chloroethane	75-00-3	< 5	5	1
10335	Chloroform	67-66-3	< 5	5	1
10335	Chloromethane	74-87-3	< 5	5	1
10335	Dibromochloromethane	124-48-1	< 5	5	1
10335	1,1-Dichloroethane	75-34-3	32	5	1
10335	1,2-Dichloroethane	107-06-2	< 5	5	1
10335	1,1-Dichloroethene	75-35-4	19	2	1
10335	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10335	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10335	1,2-Dichloropropane	78-87-5	< 5	5	1
10335	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10335	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10335	Ethylbenzene	100-41-4	< 5	5	1
10335	2-Hexanone	591-78-6	< 10	10	1
10335	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10335	Methylene Chloride	75-09-2	< 5	5	1
10335	Styrene	100-42-5	< 5	5	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10335	Tetrachloroethene	127-18-4	< 5	5	1
10335	Toluene	108-88-3	< 5	5	1
10335	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10335	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10335	Trichloroethene	79-01-6	< 5	5	1
10335	Vinyl Chloride	75-01-4	< 2	2	1
10335	Xylene (Total)	1330-20-7	< 5	5	1
GC/MS Volatiles SW-846 8260B SIM			ug/l	ug/l	
00527	1,4-Dioxane	123-91-1	< 2.0	2.0	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/14

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial# Batch#	Analysis Date and Time	Analyst	Dilution Factor
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Sample Description: SBW-6 Grab Groundwater
AD-GA/1-0145-04

LL Sample # WW 7279162
LL Group # 1434362
Account # 06556

Project Name: AD-GA/1-0145-04

Collected: 11/13/2013 09:30 by PE

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

Submitted: 11/15/2013 09:15

Reported: 11/25/2013 13:54

50406

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	8260 Ext. Water Master w/GRO	SW-846 8260B	1	N133261BA	11/22/2013 14:21	Linda C Pape	1
00527	1,4-Dioxane by Isotope Dil SIM	SW-846 8260B SIM	1	E133241AA	11/20/2013 14:02	Jason M Long	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	E133241AA	11/20/2013 14:02	Jason M Long	1
01163	GC/MS VOA Water Prep	SW-846 5030B	2	N133261BA	11/22/2013 14:21	Linda C Pape	1

Sample Description: SBW-5 Grab Groundwater
AD-GA/1-0145-04

LL Sample # WW 7279163
LL Group # 1434362
Account # 06556

Project Name: AD-GA/1-0145-04

Collected: 11/13/2013 10:20 by PE

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

Submitted: 11/15/2013 09:15
Reported: 11/25/2013 13:54

50405

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles SW-846 8260B			ug/l	ug/l	
10335	Acetone	67-64-1	< 20	20	1
10335	Benzene	71-43-2	< 5	5	1
10335	Bromodichloromethane	75-27-4	< 5	5	1
10335	Bromoform	75-25-2	< 5	5	1
10335	Bromomethane	74-83-9	< 5	5	1
10335	2-Butanone	78-93-3	< 10	10	1
10335	Carbon Disulfide	75-15-0	< 5	5	1
10335	Carbon Tetrachloride	56-23-5	< 5	5	1
10335	Chlorobenzene	108-90-7	< 5	5	1
10335	Chloroethane	75-00-3	< 5	5	1
10335	Chloroform	67-66-3	< 5	5	1
10335	Chloromethane	74-87-3	< 5	5	1
10335	Dibromochloromethane	124-48-1	< 5	5	1
10335	1,1-Dichloroethane	75-34-3	< 5	5	1
10335	1,2-Dichloroethane	107-06-2	< 5	5	1
10335	1,1-Dichloroethene	75-35-4	4	2	1
10335	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10335	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10335	1,2-Dichloropropane	78-87-5	< 5	5	1
10335	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10335	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10335	Ethylbenzene	100-41-4	< 5	5	1
10335	2-Hexanone	591-78-6	< 10	10	1
10335	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10335	Methylene Chloride	75-09-2	< 5	5	1
10335	Styrene	100-42-5	< 5	5	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10335	Tetrachloroethene	127-18-4	< 5	5	1
10335	Toluene	108-88-3	< 5	5	1
10335	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10335	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10335	Trichloroethene	79-01-6	< 5	5	1
10335	Vinyl Chloride	75-01-4	< 2	2	1
10335	Xylene (Total)	1330-20-7	< 5	5	1
GC/MS Volatiles SW-846 8260B SIM			ug/l	ug/l	
00527	1,4-Dioxane	123-91-1	< 2.0	2.0	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/14

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial# Batch#	Analysis Date and Time	Analyst	Dilution Factor
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Sample Description: SBW-5 Grab Groundwater
AD-GA/1-0145-04

LL Sample # WW 7279163
LL Group # 1434362
Account # 06556

Project Name: AD-GA/1-0145-04

Collected: 11/13/2013 10:20 by PE

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

Submitted: 11/15/2013 09:15

Reported: 11/25/2013 13:54

50405

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	8260 Ext. Water Master w/GRO	SW-846 8260B	1	N133261BA	11/22/2013 15:56	Linda C Pape	1
00527	1,4-Dioxane by Isotope Dil SIM	SW-846 8260B SIM	1	E133241AA	11/20/2013 13:01	Jason M Long	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	E133241AA	11/20/2013 13:01	Jason M Long	1
01163	GC/MS VOA Water Prep	SW-846 5030B	2	N133261BA	11/22/2013 15:56	Linda C Pape	1

Sample Description: SBW-4 Grab Groundwater
AD-GA/1-0145-04

LL Sample # WW 7279164
LL Group # 1434362
Account # 06556

Project Name: AD-GA/1-0145-04

Collected: 11/13/2013 11:00 by PE

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

Submitted: 11/15/2013 09:15
Reported: 11/25/2013 13:54

50404

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles SW-846 8260B			ug/l	ug/l	
10335	Acetone	67-64-1	< 20	20	1
10335	Benzene	71-43-2	< 5	5	1
10335	Bromodichloromethane	75-27-4	< 5	5	1
10335	Bromoform	75-25-2	< 5	5	1
10335	Bromomethane	74-83-9	< 5	5	1
10335	2-Butanone	78-93-3	< 10	10	1
10335	Carbon Disulfide	75-15-0	< 5	5	1
10335	Carbon Tetrachloride	56-23-5	< 5	5	1
10335	Chlorobenzene	108-90-7	< 5	5	1
10335	Chloroethane	75-00-3	< 5	5	1
10335	Chloroform	67-66-3	< 5	5	1
10335	Chloromethane	74-87-3	< 5	5	1
10335	Dibromochloromethane	124-48-1	< 5	5	1
10335	1,1-Dichloroethane	75-34-3	17	5	1
10335	1,2-Dichloroethane	107-06-2	< 5	5	1
10335	1,1-Dichloroethene	75-35-4	49	2	1
10335	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10335	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10335	1,2-Dichloropropane	78-87-5	< 5	5	1
10335	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10335	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10335	Ethylbenzene	100-41-4	< 5	5	1
10335	2-Hexanone	591-78-6	< 10	10	1
10335	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10335	Methylene Chloride	75-09-2	< 5	5	1
10335	Styrene	100-42-5	< 5	5	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10335	Tetrachloroethene	127-18-4	< 5	5	1
10335	Toluene	108-88-3	< 5	5	1
10335	1,1,1-Trichloroethane	71-55-6	27	5	1
10335	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10335	Trichloroethene	79-01-6	< 5	5	1
10335	Vinyl Chloride	75-01-4	< 2	2	1
10335	Xylene (Total)	1330-20-7	< 5	5	1
GC/MS Volatiles SW-846 8260B SIM			ug/l	ug/l	
00527	1,4-Dioxane	123-91-1	< 2.0	2.0	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/14

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial# Batch#	Analysis Date and Time	Analyst	Dilution Factor
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Sample Description: SBW-4 Grab Groundwater
AD-GA/1-0145-04

LL Sample # WW 7279164
LL Group # 1434362
Account # 06556

Project Name: AD-GA/1-0145-04

Collected: 11/13/2013 11:00 by PE

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

Submitted: 11/15/2013 09:15

Reported: 11/25/2013 13:54

50404

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	8260 Ext. Water Master w/GRO	SW-846 8260B	1	N133261BA	11/22/2013 14:45	Linda C Pape	1
00527	1,4-Dioxane by Isotope Dil SIM	SW-846 8260B SIM	1	E133241AA	11/20/2013 15:24	Jason M Long	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	E133241AA	11/20/2013 15:24	Jason M Long	1
01163	GC/MS VOA Water Prep	SW-846 5030B	2	N133261BA	11/22/2013 14:45	Linda C Pape	1

Sample Description: SBW-4 MS Grab Groundwater
AD-GA/1-0145-04

LL Sample # WW 7279165
LL Group # 1434362
Account # 06556

Project Name: AD-GA/1-0145-04

Collected: 11/13/2013 11:00 by PE

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

Submitted: 11/15/2013 09:15
Reported: 11/25/2013 13:54

50404

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles	SW-846 8260B	ug/l	ug/l	
10335	Acetone	67-64-1	130	20	1
10335	Benzene	71-43-2	22	5	1
10335	Bromodichloromethane	75-27-4	20	5	1
10335	Bromoform	75-25-2	19	5	1
10335	Bromomethane	74-83-9	19	5	1
10335	2-Butanone	78-93-3	130	10	1
10335	Carbon Disulfide	75-15-0	20	5	1
10335	Carbon Tetrachloride	56-23-5	20	5	1
10335	Chlorobenzene	108-90-7	23	5	1
10335	Chloroethane	75-00-3	19	5	1
10335	Chloroform	67-66-3	22	5	1
10335	Chloromethane	74-87-3	18	5	1
10335	Dibromochloromethane	124-48-1	19	5	1
10335	1,1-Dichloroethane	75-34-3	38	5	1
10335	1,2-Dichloroethane	107-06-2	20	5	1
10335	1,1-Dichloroethene	75-35-4	69	2	1
10335	cis-1,2-Dichloroethene	156-59-2	22	5	1
10335	trans-1,2-Dichloroethene	156-60-5	22	5	1
10335	1,2-Dichloropropane	78-87-5	21	5	1
10335	cis-1,3-Dichloropropene	10061-01-5	19	5	1
10335	trans-1,3-Dichloropropene	10061-02-6	18	5	1
10335	Ethylbenzene	100-41-4	21	5	1
10335	2-Hexanone	591-78-6	83	10	1
10335	4-Methyl-2-pentanone	108-10-1	81	10	1
10335	Methylene Chloride	75-09-2	21	5	1
10335	Styrene	100-42-5	20	5	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	20	5	1
10335	Tetrachloroethene	127-18-4	23	5	1
10335	Toluene	108-88-3	23	5	1
10335	1,1,1-Trichloroethane	71-55-6	48	5	1
10335	1,1,2-Trichloroethane	79-00-5	21	5	1
10335	Trichloroethene	79-01-6	23	5	1
10335	Vinyl Chloride	75-01-4	20	2	1
10335	Xylene (Total)	1330-20-7	64	5	1
GC/MS	Volatiles	SW-846 8260B SIM	ug/l	ug/l	
00527	1,4-Dioxane	123-91-1	5.9	2.0	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/14

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial# Batch#	Analysis Date and Time	Analyst	Dilution Factor
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Sample Description: SBW-4 MS Grab Groundwater
AD-GA/1-0145-04

LL Sample # WW 7279165
LL Group # 1434362
Account # 06556

Project Name: AD-GA/1-0145-04

Collected: 11/13/2013 11:00 by PE

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

Submitted: 11/15/2013 09:15

Reported: 11/25/2013 13:54

50404

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	8260 Ext. Water Master w/GRO	SW-846 8260B	1	N133261BA	11/22/2013 15:09	Linda C Pape	1
00527	1,4-Dioxane by Isotope Dil SIM	SW-846 8260B SIM	1	E133241AA	11/20/2013 15:45	Jason M Long	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	E133241AA	11/20/2013 15:45	Jason M Long	1
01163	GC/MS VOA Water Prep	SW-846 5030B	2	N133261BA	11/22/2013 15:09	Linda C Pape	1

Sample Description: SBW-4 MSD Grab Groundwater
AD-GA/1-0145-04

LL Sample # WW 7279166
LL Group # 1434362
Account # 06556

Project Name: AD-GA/1-0145-04

Collected: 11/13/2013 11:00 by PE

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

Submitted: 11/15/2013 09:15
Reported: 11/25/2013 13:54

50404

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles	SW-846 8260B	ug/l	ug/l	
10335	Acetone	67-64-1	140	20	1
10335	Benzene	71-43-2	22	5	1
10335	Bromodichloromethane	75-27-4	20	5	1
10335	Bromoform	75-25-2	19	5	1
10335	Bromomethane	74-83-9	19	5	1
10335	2-Butanone	78-93-3	130	10	1
10335	Carbon Disulfide	75-15-0	21	5	1
10335	Carbon Tetrachloride	56-23-5	21	5	1
10335	Chlorobenzene	108-90-7	24	5	1
10335	Chloroethane	75-00-3	19	5	1
10335	Chloroform	67-66-3	22	5	1
10335	Chloromethane	74-87-3	18	5	1
10335	Dibromochloromethane	124-48-1	19	5	1
10335	1,1-Dichloroethane	75-34-3	40	5	1
10335	1,2-Dichloroethane	107-06-2	21	5	1
10335	1,1-Dichloroethene	75-35-4	71	2	1
10335	cis-1,2-Dichloroethene	156-59-2	22	5	1
10335	trans-1,2-Dichloroethene	156-60-5	23	5	1
10335	1,2-Dichloropropane	78-87-5	22	5	1
10335	cis-1,3-Dichloropropene	10061-01-5	20	5	1
10335	trans-1,3-Dichloropropene	10061-02-6	19	5	1
10335	Ethylbenzene	100-41-4	22	5	1
10335	2-Hexanone	591-78-6	86	10	1
10335	4-Methyl-2-pentanone	108-10-1	85	10	1
10335	Methylene Chloride	75-09-2	22	5	1
10335	Styrene	100-42-5	21	5	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	21	5	1
10335	Tetrachloroethene	127-18-4	23	5	1
10335	Toluene	108-88-3	24	5	1
10335	1,1,1-Trichloroethane	71-55-6	48	5	1
10335	1,1,2-Trichloroethane	79-00-5	22	5	1
10335	Trichloroethene	79-01-6	24	5	1
10335	Vinyl Chloride	75-01-4	20	2	1
10335	Xylene (Total)	1330-20-7	67	5	1
GC/MS	Volatiles	SW-846 8260B SIM	ug/l	ug/l	
00527	1,4-Dioxane	123-91-1	5.8	2.0	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/14

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial# Batch#	Analysis Date and Time	Analyst	Dilution Factor
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Sample Description: SBW-4 MSD Grab Groundwater
AD-GA/1-0145-04

LL Sample # WW 7279166
LL Group # 1434362
Account # 06556

Project Name: AD-GA/1-0145-04

Collected: 11/13/2013 11:00 by PE

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

Submitted: 11/15/2013 09:15

Reported: 11/25/2013 13:54

50404

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	8260 Ext. Water Master w/GRO	SW-846 8260B	1	N133261BA	11/22/2013 15:33	Linda C Pape	1
00527	1,4-Dioxane by Isotope Dil SIM	SW-846 8260B SIM	1	E133241AA	11/20/2013 16:06	Jason M Long	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	E133241AA	11/20/2013 16:06	Jason M Long	1
01163	GC/MS VOA Water Prep	SW-846 5030B	2	N133261BA	11/22/2013 15:33	Linda C Pape	1

Sample Description: SBW-2 Grab Groundwater
AD-GA/1-0145-04

LL Sample # WW 7279167
LL Group # 1434362
Account # 06556

Project Name: AD-GA/1-0145-04

Collected: 11/13/2013 12:50 by PE

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

Submitted: 11/15/2013 09:15
Reported: 11/25/2013 13:54

50402

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles SW-846 8260B			ug/l	ug/l	
10335	Acetone	67-64-1	< 20	20	1
10335	Benzene	71-43-2	< 5	5	1
10335	Bromodichloromethane	75-27-4	< 5	5	1
10335	Bromoform	75-25-2	< 5	5	1
10335	Bromomethane	74-83-9	< 5	5	1
10335	2-Butanone	78-93-3	< 10	10	1
10335	Carbon Disulfide	75-15-0	< 5	5	1
10335	Carbon Tetrachloride	56-23-5	< 5	5	1
10335	Chlorobenzene	108-90-7	< 5	5	1
10335	Chloroethane	75-00-3	< 5	5	1
10335	Chloroform	67-66-3	< 5	5	1
10335	Chloromethane	74-87-3	< 5	5	1
10335	Dibromochloromethane	124-48-1	< 5	5	1
10335	1,1-Dichloroethane	75-34-3	< 5	5	1
10335	1,2-Dichloroethane	107-06-2	< 5	5	1
10335	1,1-Dichloroethene	75-35-4	< 2	2	1
10335	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10335	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10335	1,2-Dichloropropane	78-87-5	< 5	5	1
10335	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10335	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10335	Ethylbenzene	100-41-4	< 5	5	1
10335	2-Hexanone	591-78-6	< 10	10	1
10335	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10335	Methylene Chloride	75-09-2	< 5	5	1
10335	Styrene	100-42-5	< 5	5	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10335	Tetrachloroethene	127-18-4	< 5	5	1
10335	Toluene	108-88-3	< 5	5	1
10335	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10335	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10335	Trichloroethene	79-01-6	< 5	5	1
10335	Vinyl Chloride	75-01-4	< 2	2	1
10335	Xylene (Total)	1330-20-7	< 5	5	1
GC/MS Volatiles SW-846 8260B SIM			ug/l	ug/l	
00527	1,4-Dioxane	123-91-1	< 2.0	2.0	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/14

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial# Batch#	Analysis Date and Time	Analyst	Dilution Factor
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Sample Description: SBW-2 Grab Groundwater
AD-GA/1-0145-04

LL Sample # WW 7279167
LL Group # 1434362
Account # 06556

Project Name: AD-GA/1-0145-04

Collected: 11/13/2013 12:50 by PE

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

Submitted: 11/15/2013 09:15

Reported: 11/25/2013 13:54

50402

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	8260 Ext. Water Master w/GRO	SW-846 8260B	1	N133261BA	11/22/2013 16:20	Linda C Pape	1
00527	1,4-Dioxane by Isotope Dil SIM	SW-846 8260B SIM	1	E133241AA	11/20/2013 13:21	Jason M Long	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	E133241AA	11/20/2013 13:21	Jason M Long	1
01163	GC/MS VOA Water Prep	SW-846 5030B	2	N133261BA	11/22/2013 16:20	Linda C Pape	1

Sample Description: SBW-1 Grab Groundwater
AD-GA/1-0145-04

LL Sample # WW 7279168
LL Group # 1434362
Account # 06556

Project Name: AD-GA/1-0145-04

Collected: 11/13/2013 13:45 by PE

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

Submitted: 11/15/2013 09:15
Reported: 11/25/2013 13:54

50401

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles SW-846 8260B			ug/l	ug/l	
10335	Acetone	67-64-1	< 20	20	1
10335	Benzene	71-43-2	< 5	5	1
10335	Bromodichloromethane	75-27-4	< 5	5	1
10335	Bromoform	75-25-2	< 5	5	1
10335	Bromomethane	74-83-9	< 5	5	1
10335	2-Butanone	78-93-3	< 10	10	1
10335	Carbon Disulfide	75-15-0	< 5	5	1
10335	Carbon Tetrachloride	56-23-5	< 5	5	1
10335	Chlorobenzene	108-90-7	< 5	5	1
10335	Chloroethane	75-00-3	< 5	5	1
10335	Chloroform	67-66-3	< 5	5	1
10335	Chloromethane	74-87-3	< 5	5	1
10335	Dibromochloromethane	124-48-1	< 5	5	1
10335	1,1-Dichloroethane	75-34-3	< 5	5	1
10335	1,2-Dichloroethane	107-06-2	< 5	5	1
10335	1,1-Dichloroethene	75-35-4	< 2	2	1
10335	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10335	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10335	1,2-Dichloropropane	78-87-5	< 5	5	1
10335	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10335	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10335	Ethylbenzene	100-41-4	< 5	5	1
10335	2-Hexanone	591-78-6	< 10	10	1
10335	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10335	Methylene Chloride	75-09-2	< 5	5	1
10335	Styrene	100-42-5	< 5	5	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10335	Tetrachloroethene	127-18-4	< 5	5	1
10335	Toluene	108-88-3	< 5	5	1
10335	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10335	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10335	Trichloroethene	79-01-6	< 5	5	1
10335	Vinyl Chloride	75-01-4	< 2	2	1
10335	Xylene (Total)	1330-20-7	< 5	5	1
GC/MS Volatiles SW-846 8260B SIM			ug/l	ug/l	
00527	1,4-Dioxane	123-91-1	< 2.0	2.0	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/14

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial# Batch#	Analysis Date and Time	Analyst	Dilution Factor
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Sample Description: SBW-1 Grab Groundwater
AD-GA/1-0145-04

LL Sample # WW 7279168
LL Group # 1434362
Account # 06556

Project Name: AD-GA/1-0145-04

Collected: 11/13/2013 13:45 by PE

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

Submitted: 11/15/2013 09:15

Reported: 11/25/2013 13:54

50401

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	8260 Ext. Water Master w/GRO	SW-846 8260B	1	N133261BA	11/22/2013 16:43	Linda C Pape	1
00527	1,4-Dioxane by Isotope Dil SIM	SW-846 8260B SIM	1	E133241AA	11/20/2013 12:40	Jason M Long	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	E133241AA	11/20/2013 12:40	Jason M Long	1
01163	GC/MS VOA Water Prep	SW-846 5030B	2	N133261BA	11/22/2013 16:43	Linda C Pape	1

Sample Description: SBW-DUP Grab Groundwater
AD-GA/1-0145-04

LL Sample # WW 7279169
LL Group # 1434362
Account # 06556

Project Name: AD-GA/1-0145-04

Collected: 11/13/2013 12:00 by PE

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

Submitted: 11/15/2013 09:15
Reported: 11/25/2013 13:54

504FD

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles SW-846 8260B			ug/l	ug/l	
10335	Acetone	67-64-1	< 20	20	1
10335	Benzene	71-43-2	< 5	5	1
10335	Bromodichloromethane	75-27-4	< 5	5	1
10335	Bromoform	75-25-2	< 5	5	1
10335	Bromomethane	74-83-9	< 5	5	1
10335	2-Butanone	78-93-3	< 10	10	1
10335	Carbon Disulfide	75-15-0	< 5	5	1
10335	Carbon Tetrachloride	56-23-5	< 5	5	1
10335	Chlorobenzene	108-90-7	< 5	5	1
10335	Chloroethane	75-00-3	< 5	5	1
10335	Chloroform	67-66-3	< 5	5	1
10335	Chloromethane	74-87-3	< 5	5	1
10335	Dibromochloromethane	124-48-1	< 5	5	1
10335	1,1-Dichloroethane	75-34-3	17	5	1
10335	1,2-Dichloroethane	107-06-2	< 5	5	1
10335	1,1-Dichloroethene	75-35-4	48	2	1
10335	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10335	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10335	1,2-Dichloropropane	78-87-5	< 5	5	1
10335	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10335	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10335	Ethylbenzene	100-41-4	< 5	5	1
10335	2-Hexanone	591-78-6	< 10	10	1
10335	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10335	Methylene Chloride	75-09-2	< 5	5	1
10335	Styrene	100-42-5	< 5	5	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10335	Tetrachloroethene	127-18-4	< 5	5	1
10335	Toluene	108-88-3	< 5	5	1
10335	1,1,1-Trichloroethane	71-55-6	26	5	1
10335	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10335	Trichloroethene	79-01-6	< 5	5	1
10335	Vinyl Chloride	75-01-4	< 2	2	1
10335	Xylene (Total)	1330-20-7	< 5	5	1
GC/MS Volatiles SW-846 8260B SIM			ug/l	ug/l	
00527	1,4-Dioxane	123-91-1	< 2.0	2.0	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/14

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial# Batch#	Analysis Date and Time	Analyst	Dilution Factor
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Sample Description: SBW-DUP Grab Groundwater
AD-GA/1-0145-04

LL Sample # WW 7279169
LL Group # 1434362
Account # 06556

Project Name: AD-GA/1-0145-04

Collected: 11/13/2013 12:00 by PE

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

Submitted: 11/15/2013 09:15

Reported: 11/25/2013 13:54

504FD

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	8260 Ext. Water Master w/GRO	SW-846 8260B	1	N133261BA	11/22/2013 17:07	Linda C Pape	1
00527	1,4-Dioxane by Isotope Dil SIM	SW-846 8260B SIM	1	E133241AA	11/20/2013 15:04	Jason M Long	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	E133241AA	11/20/2013 15:04	Jason M Long	1
01163	GC/MS VOA Water Prep	SW-846 5030B	2	N133261BA	11/22/2013 17:07	Linda C Pape	1

Sample Description: SBW-3 Grab Groundwater
AD-GA/1-0145-04

LL Sample # WW 7279170
LL Group # 1434362
Account # 06556

Project Name: AD-GA/1-0145-04

Collected: 11/13/2013 14:10 by PE

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

Submitted: 11/15/2013 09:15
Reported: 11/25/2013 13:54

50403

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles SW-846 8260B			ug/l	ug/l	
10335	Acetone	67-64-1	< 20	20	1
10335	Benzene	71-43-2	< 5	5	1
10335	Bromodichloromethane	75-27-4	< 5	5	1
10335	Bromoform	75-25-2	< 5	5	1
10335	Bromomethane	74-83-9	< 5	5	1
10335	2-Butanone	78-93-3	< 10	10	1
10335	Carbon Disulfide	75-15-0	< 5	5	1
10335	Carbon Tetrachloride	56-23-5	< 5	5	1
10335	Chlorobenzene	108-90-7	< 5	5	1
10335	Chloroethane	75-00-3	< 5	5	1
10335	Chloroform	67-66-3	< 5	5	1
10335	Chloromethane	74-87-3	< 5	5	1
10335	Dibromochloromethane	124-48-1	< 5	5	1
10335	1,1-Dichloroethane	75-34-3	< 5	5	1
10335	1,2-Dichloroethane	107-06-2	< 5	5	1
10335	1,1-Dichloroethene	75-35-4	6	2	1
10335	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10335	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10335	1,2-Dichloropropane	78-87-5	< 5	5	1
10335	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10335	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10335	Ethylbenzene	100-41-4	< 5	5	1
10335	2-Hexanone	591-78-6	< 10	10	1
10335	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10335	Methylene Chloride	75-09-2	< 5	5	1
10335	Styrene	100-42-5	< 5	5	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10335	Tetrachloroethene	127-18-4	< 5	5	1
10335	Toluene	108-88-3	< 5	5	1
10335	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10335	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10335	Trichloroethene	79-01-6	< 5	5	1
10335	Vinyl Chloride	75-01-4	< 2	2	1
10335	Xylene (Total)	1330-20-7	< 5	5	1
GC/MS Volatiles SW-846 8260B SIM			ug/l	ug/l	
00527	1,4-Dioxane	123-91-1	< 2.0	2.0	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/14

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial# Batch#	Analysis Date and Time	Analyst	Dilution Factor
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Sample Description: SBW-3 Grab Groundwater
AD-GA/1-0145-04

LL Sample # WW 7279170
LL Group # 1434362
Account # 06556

Project Name: AD-GA/1-0145-04

Collected: 11/13/2013 14:10 by PE

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

Submitted: 11/15/2013 09:15

Reported: 11/25/2013 13:54

50403

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	8260 Ext. Water Master w/GRO	SW-846 8260B	1	N133261AA	11/22/2013 10:18	Linda C Pape	1
00527	1,4-Dioxane by Isotope Dil SIM	SW-846 8260B SIM	1	E133241AA	11/20/2013 14:23	Jason M Long	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	E133241AA	11/20/2013 14:23	Jason M Long	1
01163	GC/MS VOA Water Prep	SW-846 5030B	2	N133261AA	11/22/2013 10:18	Linda C Pape	1

Sample Description: SBW-7 Grab Groundwater
AD-GA/1-0145-04

LL Sample # WW 7279171
LL Group # 1434362
Account # 06556

Project Name: AD-GA/1-0145-04

Collected: 11/13/2013 17:40 by PE

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

Submitted: 11/15/2013 09:15
Reported: 11/25/2013 13:54

50407

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles SW-846 8260B			ug/l	ug/l	
10335	Acetone	67-64-1	< 20	20	1
10335	Benzene	71-43-2	< 5	5	1
10335	Bromodichloromethane	75-27-4	< 5	5	1
10335	Bromoform	75-25-2	< 5	5	1
10335	Bromomethane	74-83-9	< 5	5	1
10335	2-Butanone	78-93-3	< 10	10	1
10335	Carbon Disulfide	75-15-0	< 5	5	1
10335	Carbon Tetrachloride	56-23-5	< 5	5	1
10335	Chlorobenzene	108-90-7	< 5	5	1
10335	Chloroethane	75-00-3	< 5	5	1
10335	Chloroform	67-66-3	< 5	5	1
10335	Chloromethane	74-87-3	< 5	5	1
10335	Dibromochloromethane	124-48-1	< 5	5	1
10335	1,1-Dichloroethane	75-34-3	< 5	5	1
10335	1,2-Dichloroethane	107-06-2	< 5	5	1
10335	1,1-Dichloroethene	75-35-4	< 2	2	1
10335	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10335	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10335	1,2-Dichloropropane	78-87-5	< 5	5	1
10335	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10335	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10335	Ethylbenzene	100-41-4	< 5	5	1
10335	2-Hexanone	591-78-6	< 10	10	1
10335	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10335	Methylene Chloride	75-09-2	< 5	5	1
10335	Styrene	100-42-5	< 5	5	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10335	Tetrachloroethene	127-18-4	< 5	5	1
10335	Toluene	108-88-3	< 5	5	1
10335	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10335	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10335	Trichloroethene	79-01-6	< 5	5	1
10335	Vinyl Chloride	75-01-4	< 2	2	1
10335	Xylene (Total)	1330-20-7	< 5	5	1
GC/MS Volatiles SW-846 8260B SIM			ug/l	ug/l	
00527	1,4-Dioxane	123-91-1	3.5	2.0	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/14

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial# Batch#	Analysis Date and Time	Analyst	Dilution Factor
---------	---------------	--------	---------------	------------------------	---------	-----------------

Sample Description: SBW-7 Grab Groundwater
AD-GA/1-0145-04

LL Sample # WW 7279171
LL Group # 1434362
Account # 06556

Project Name: AD-GA/1-0145-04

Collected: 11/13/2013 17:40 by PE

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

Submitted: 11/15/2013 09:15

Reported: 11/25/2013 13:54

50407

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	8260 Ext. Water Master w/GRO	SW-846 8260B	1	N133261BA	11/22/2013 17:31	Linda C Pape	1
00527	1,4-Dioxane by Isotope Dil SIM	SW-846 8260B SIM	1	E133241AA	11/20/2013 17:07	Jason M Long	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	E133241AA	11/20/2013 17:07	Jason M Long	1
01163	GC/MS VOA Water Prep	SW-846 5030B	2	N133261BA	11/22/2013 17:31	Linda C Pape	1

Quality Control Summary

Client Name: The Johnson Company, Inc.
Reported: 11/25/13 at 01:54 PM

Group Number: 1434362

Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

All Inorganic Initial Calibration and Continuing Calibration Blanks met acceptable method criteria unless otherwise noted on the Analysis Report.

Laboratory Compliance Quality Control

<u>Analysis Name</u>	<u>Blank Result</u>	<u>Blank LOQ</u>	<u>Report Units</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>LCS/LCSD Limits</u>	<u>RPD</u>	<u>RPD Max</u>
Batch number: E133241AA	Sample number(s): 7279159-7279171							
1,4-Dioxane	< 2.0	2.0	ug/l	99		80-123		
Batch number: N133261AA	Sample number(s): 7279158,7279170							
Acetone	< 20	20.	ug/l	94		38-157		
Benzene	< 5	5.	ug/l	101		78-120		
Bromodichloromethane	< 5	5.	ug/l	94		73-120		
Bromoform	< 5	5.	ug/l	90		61-120		
Bromomethane	< 5	5.	ug/l	75		51-120		
2-Butanone	< 10	10.	ug/l	87		58-126		
Carbon Disulfide	< 5	5.	ug/l	88		58-126		
Carbon Tetrachloride	< 5	5.	ug/l	88		74-130		
Chlorobenzene	< 5	5.	ug/l	107		80-120		
Chloroethane	< 5	5.	ug/l	73		45-120		
Chloroform	< 5	5.	ug/l	101		77-122		
Chloromethane	< 5	5.	ug/l	80		55-120		
Dibromochloromethane	< 5	5.	ug/l	91		72-120		
1,1-Dichloroethane	< 5	5.	ug/l	97		80-120		
1,2-Dichloroethane	< 5	5.	ug/l	99		71-130		
1,1-Dichloroethene	< 2	2.	ug/l	100		76-124		
cis-1,2-Dichloroethene	< 5	5.	ug/l	102		80-120		
trans-1,2-Dichloroethene	< 5	5.	ug/l	102		80-120		
1,2-Dichloropropane	< 5	5.	ug/l	100		80-120		
cis-1,3-Dichloropropene	< 5	5.	ug/l	96		80-120		
trans-1,3-Dichloropropene	< 5	5.	ug/l	89		69-120		
Ethylbenzene	< 5	5.	ug/l	99		79-120		
2-Hexanone	< 10	10.	ug/l	85		59-125		
4-Methyl-2-pentanone	< 10	10.	ug/l	84		59-120		
Methylene Chloride	< 5	5.	ug/l	100		80-120		
Styrene	< 5	5.	ug/l	96		80-120		
1,1,2,2-Tetrachloroethane	< 5	5.	ug/l	95		70-120		
Tetrachloroethene	< 5	5.	ug/l	99		80-120		
Toluene	< 5	5.	ug/l	103		80-120		
1,1,1-Trichloroethane	< 5	5.	ug/l	93		66-126		
1,1,2-Trichloroethane	< 5	5.	ug/l	104		80-120		
Trichloroethene	< 5	5.	ug/l	104		80-120		
Vinyl Chloride	< 2	2.	ug/l	84		63-120		
Xylene (Total)	< 5	5.	ug/l	99		80-120		
Batch number: N133261BA	Sample number(s): 7279159-7279169,7279171							
Acetone	< 20	20.	ug/l	94		38-157		
Benzene	< 5	5.	ug/l	101		78-120		
Bromodichloromethane	< 5	5.	ug/l	94		73-120		
Bromoform	< 5	5.	ug/l	90		61-120		

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: The Johnson Company, Inc.
Reported: 11/25/13 at 01:54 PM

Group Number: 1434362

<u>Analysis Name</u>	<u>Blank Result</u>	<u>Blank LOQ</u>	<u>Report Units</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>LCS/LCSD Limits</u>	<u>RPD</u>	<u>RPD Max</u>
Bromomethane	< 5	5.	ug/l	75		51-120		
2-Butanone	< 10	10.	ug/l	87		58-126		
Carbon Disulfide	< 5	5.	ug/l	88		58-126		
Carbon Tetrachloride	< 5	5.	ug/l	88		74-130		
Chlorobenzene	< 5	5.	ug/l	107		80-120		
Chloroethane	< 5	5.	ug/l	73		45-120		
Chloroform	< 5	5.	ug/l	101		77-122		
Chloromethane	< 5	5.	ug/l	80		55-120		
Dibromochloromethane	< 5	5.	ug/l	91		72-120		
1,1-Dichloroethane	< 5	5.	ug/l	97		80-120		
1,2-Dichloroethane	< 5	5.	ug/l	99		71-130		
1,1-Dichloroethene	< 2	2.	ug/l	100		76-124		
cis-1,2-Dichloroethene	< 5	5.	ug/l	102		80-120		
trans-1,2-Dichloroethene	< 5	5.	ug/l	102		80-120		
1,2-Dichloropropane	< 5	5.	ug/l	100		80-120		
cis-1,3-Dichloropropene	< 5	5.	ug/l	96		80-120		
trans-1,3-Dichloropropene	< 5	5.	ug/l	89		69-120		
Ethylbenzene	< 5	5.	ug/l	99		79-120		
2-Hexanone	< 10	10.	ug/l	85		59-125		
4-Methyl-2-pentanone	< 10	10.	ug/l	84		59-120		
Methylene Chloride	< 5	5.	ug/l	100		80-120		
Styrene	< 5	5.	ug/l	96		80-120		
1,1,2,2-Tetrachloroethane	< 5	5.	ug/l	97		70-120		
Tetrachloroethene	< 5	5.	ug/l	99		80-120		
Toluene	< 5	5.	ug/l	103		80-120		
1,1,1-Trichloroethane	< 5	5.	ug/l	93		66-126		
1,1,2-Trichloroethane	< 5	5.	ug/l	104		80-120		
Trichloroethene	< 5	5.	ug/l	104		80-120		
Vinyl Chloride	< 2	2.	ug/l	84		63-120		
Xylene (Total)	< 5	5.	ug/l	99		80-120		

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

<u>Analysis Name</u>	<u>MS %REC</u>	<u>MSD %REC</u>	<u>MS/MSD Limits</u>	<u>RPD</u>	<u>RPD MAX</u>	<u>BKG Conc</u>	<u>DUP Conc</u>	<u>DUP RPD</u>	<u>Dup RPD Max</u>
Batch number: E133241AA	Sample number(s): 7279159-7279171 UNSPK: 7279164								
1,4-Dioxane	95	93	73-138	1	30				
Batch number: N133261AA	Sample number(s): 7279158,7279170 UNSPK: P283267								
Acetone	90	89	35-144	1	30				
Benzene	106	106	72-134	1	30				
Bromodichloromethane	95	97	38-137	1	30				
Bromoform	89	89	48-118	0	30				
Bromomethane	88	83	47-129	7	30				
2-Butanone	84	84	53-124	0	30				
Carbon Disulfide	98	99	53-149	1	30				
Carbon Tetrachloride	97	98	72-135	1	30				
Chlorobenzene	110	112	87-124	1	30				
Chloroethane	89	81	51-145	9	30				
Chloroform	104	106	81-134	1	30				

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: The Johnson Company, Inc.
Reported: 11/25/13 at 01:54 PM

Group Number: 1434362

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

<u>Analysis Name</u>	<u>MS</u> <u>%REC</u>	<u>MSD</u> <u>%REC</u>	<u>MS/MSD</u> <u>Limits</u>	<u>RPD</u> <u>RPD</u>	<u>BKG</u> <u>MAX</u> <u>Conc</u>	<u>DUP</u> <u>Conc</u>	<u>DUP</u> <u>RPD</u>	<u>Dup RPD</u> <u>Max</u>
Chloromethane	91	88	50-131	4	30			
Dibromochloromethane	90	91	74-116	1	30			
1,1-Dichloroethane	103	104	84-129	1	30			
1,2-Dichloroethane	100	100	68-131	1	30			
1,1-Dichloroethene	111	112	75-155	1	30			
cis-1,2-Dichloroethene	105	106	80-141	1	30			
trans-1,2-Dichloroethene	108	110	81-142	1	30			
1,2-Dichloropropane	102	103	83-124	2	30			
cis-1,3-Dichloropropene	95	96	70-116	1	30			
trans-1,3-Dichloropropene	88	90	74-119	2	30			
Ethylbenzene	103	106	71-134	3	30			
2-Hexanone	81	82	55-127	1	30			
4-Methyl-2-pentanone	80	81	63-123	1	30			
Methylene Chloride	103	104	78-133	1	30			
Styrene	96	99	78-125	3	30			
1,1,2,2-Tetrachloroethane	94	94	72-128	0	30			
Tetrachloroethene	109	109	80-128	0	30			
Toluene	106	108	80-125	1	30			
1,1,1-Trichloroethane	101	104	69-140	3	30			
1,1,2-Trichloroethane	102	103	71-141	1	30			
Trichloroethene	110	111	88-133	1	30			
Vinyl Chloride	98	94	66-133	4	30			
Xylene (Total)	103	105	79-125	2	30			

Batch number: N133261BA	Sample number(s): 7279159-7279169,7279171 UNSPK: 7279164							
Acetone	89	93	35-144	5	30			
Benzene	108	111	72-134	3	30			
Bromodichloromethane	98	102	38-137	3	30			
Bromoform	93	94	48-118	1	30			
Bromomethane	94	95	47-129	1	30			
2-Butanone	84	87	53-124	4	30			
Carbon Disulfide	101	104	53-149	3	30			
Carbon Tetrachloride	100	106	72-135	6	30			
Chlorobenzene	114	118	87-124	3	30			
Chloroethane	96	96	51-145	0	30			
Chloroform	108	112	81-134	4	30			
Chloromethane	91	91	50-131	0	30			
Dibromochloromethane	94	96	74-116	3	30			
1,1-Dichloroethane	101	111	84-129	5	30			
1,2-Dichloroethane	102	106	68-131	4	30			
1,1-Dichloroethene	104	114	75-155	3	30			
cis-1,2-Dichloroethene	108	112	80-141	3	30			
trans-1,2-Dichloroethene	111	115	81-142	3	30			
1,2-Dichloropropane	104	108	83-124	4	30			
cis-1,3-Dichloropropene	95	100	70-116	5	30			
trans-1,3-Dichloropropene	91	93	74-119	2	30			
Ethylbenzene	107	111	71-134	3	30			
2-Hexanone	83	86	55-127	4	30			
4-Methyl-2-pentanone	81	85	63-123	5	30			
Methylene Chloride	106	109	78-133	3	30			
Styrene	101	104	78-125	3	30			
1,1,2,2-Tetrachloroethane	98	103	72-128	6	30			

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: The Johnson Company, Inc.
Reported: 11/25/13 at 01:54 PM

Group Number: 1434362

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

<u>Analysis Name</u>	<u>MS</u> <u>%REC</u>	<u>MSD</u> <u>%REC</u>	<u>MS/MSD</u> <u>Limits</u>	<u>RPD</u> <u>RPD</u>	<u>RPD</u> <u>MAX</u>	<u>BKG</u> <u>Conc</u>	<u>DUP</u> <u>Conc</u>	<u>DUP</u> <u>RPD</u>	<u>Dup RPD</u> <u>Max</u>
Tetrachloroethene	114	117	80-128	3	30				
Toluene	109	113	80-125	3	30				
1,1,1-Trichloroethane	104	108	69-140	2	30				
1,1,2-Trichloroethane	106	109	71-141	3	30				
Trichloroethene	115	119	88-133	4	30				
Vinyl Chloride	100	102	66-133	2	30				
Xylene (Total)	107	111	79-125	4	30				

Surrogate Quality Control

Surrogate recoveries which are outside of the QC window are confirmed unless attributed to dilution or otherwise noted on the Analysis Report.

Analysis Name: 1,4-Dioxane by Isotope Dil SIM
Batch number: E133241AA

Toluene-d8

7279159	97
7279160	97
7279161	97
7279162	97
7279163	97
7279164	97
7279165	97
7279166	97
7279167	97
7279168	97
7279169	97
7279170	97
7279171	97
Blank	97
LCS	98
MS	97
MSD	97

Limits: 80-120

Analysis Name: 8260 Ext. Water Master w/GRO
Batch number: N133261AA

Dibromofluoromethane 1,2-Dichloroethane-d4 Toluene-d8 4-Bromofluorobenzene

7279158	102	103	99	92
7279170	102	101	99	92
Blank	103	103	100	93
LCS	101	102	102	98
MS	101	101	101	97
MSD	101	101	101	98

Limits: 80-116 77-113 80-113 78-113

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: The Johnson Company, Inc.
Reported: 11/25/13 at 01:54 PM

Group Number: 1434362

Surrogate Quality Control

Analysis Name: 8260 Ext. Water Master w/GRO
Batch number: N133261BA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
7279159	103	104	99	92
7279160	103	104	99	90
7279161	102	103	99	91
7279162	104	104	98	90
7279163	102	103	100	91
7279164	105	105	99	91
7279165	102	102	103	97
7279166	102	101	102	97
7279167	103	103	98	91
7279168	104	105	98	90
7279169	104	104	99	91
7279171	103	105	100	91
Blank	103	103	100	93
LCS	101	102	102	98
MS	102	102	103	97
MSD	102	101	102	97
Limits:	80-116	77-113	80-113	78-113

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The unspiked result was more than four times the spike added.

Environmental Sample Administration
Receipt Documentation Log

1434362

Client/Project: Johnson Co.
 Date of Receipt: 11/15/13
 Time of Receipt: 0915
 Source Code: 5.

Shipping Container Sealed: YES NO
 Custody Seal Present * : YES NO
 * Custody seal was intact unless otherwise noted in the discrepancy section
 Package: Chilled Not Chilled

Temperature of Shipping Containers							
Cooler #	Thermometer ID	Temperature (°C)	Temp Bottle (TB) or Surface Temp (ST)	Wet Ice (WI) or Dry Ice (DI) or Ice Packs (IP)	Ice Present? Y/N	Loose (L) Bagged Ice (B) or NA	Comments
1	D 1191	2.1	TB	WI	Y	B	
2							
3							
4							
5							
6							

Number of Trip Blanks received NOT listed on chain of custody: 0

Paperwork Discrepancy/Unpacking Problems:

1 SBW-6 was broken after receiving

Unpacker Signature/Emp#: [Signature] 5200 Date/Time: 11/15/13 1545

Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

RL	Reporting Limit	BMQL	Below Minimum Quantitation Level
N.D.	none detected	MPN	Most Probable Number
TNTC	Too Numerous To Count	CP Units	cobalt-chloroplatinate units
IU	International Units	NTU	nephelometric turbidity units
umhos/cm	micromhos/cm	ng	nanogram(s)
C	degrees Celsius	F	degrees Fahrenheit
meq	milliequivalents	lb.	pound(s)
g	gram(s)	kg	kilogram(s)
µg	microgram(s)	mg	milligram(s)
mL	milliliter(s)	L	liter(s)
m³	cubic meter(s)	µL	microliter(s)
		pg/L	picogram/liter

< less than - The number following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably determined using this specific test.

> greater than

ppm parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

Data Qualifiers:

C – result confirmed by reanalysis.

J - estimated value – The result is \geq the Method Detection Limit (MDL) and $<$ the Limit of Quantitation (LOQ).

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers

Inorganic Qualifiers

A	TIC is a possible aldol-condensation product	B	Value is $<$ CRDL, but \geq IDL
B	Analyte was also detected in the blank	E	Estimated due to interference
C	Pesticide result confirmed by GC/MS	M	Duplicate injection precision not met
D	Compound quantitated on a diluted sample	N	Spike sample not within control limits
E	Concentration exceeds the calibration range of the instrument	S	Method of standard additions (MSA) used for calculation
N	Presumptive evidence of a compound (TICs only)	U	Compound was not detected
P	Concentration difference between primary and confirmation columns $>$ 25%	W	Post digestion spike out of control limits
U	Compound was not detected	*	Duplicate analysis not within control limits
X,Y,Z	Defined in case narrative	+	Correlation coefficient for MSA $<$ 0.995

Analytical test results meet all requirements of NELAC unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

Times are local to the area of activity. Parameters listed in the 40 CFR part 136 Table II as “analyze immediately” are not performed within 15 minutes.

WARRANTY AND LIMITS OF LIABILITY - In accepting analytical work, we warrant the accuracy of test results for the sample as submitted. THE FOREGOING EXPRESS WARRANTY IS EXCLUSIVE AND IS GIVEN IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED. WE DISCLAIM ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING A WARRANTY OF FITNESS FOR PARTICULAR PURPOSE AND WARRANTY OF MERCHANTABILITY. IN NO EVENT SHALL EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL, LLC BE LIABLE FOR INDIRECT, SPECIAL, CONSEQUENTIAL, OR INCIDENTAL DAMAGES INCLUDING, BUT NOT LIMITED TO, DAMAGES FOR LOSS OF PROFIT OR GOODWILL REGARDLESS OF (A) THE NEGLIGENCE (EITHER SOLE OR CONCURRENT) OF EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL AND (B) WHETHER EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL HAS BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES. We accept no legal responsibility for the purposes for which the client uses the test results. No purchase order or other order for work shall be accepted by Eurofins Lancaster Laboratories Environmental which includes any conditions that vary from the Standard Terms and Conditions, and Eurofins Lancaster Laboratories Environmental hereby objects to any conflicting terms contained in any acceptance or order submitted by client.

ANALYTICAL RESULTS

Prepared by:

Eurofins Lancaster Laboratories Environmental
2425 New Holland Pike
Lancaster, PA 17601

Prepared for:

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

December 05, 2013

Project: AD-GA/1-0145-04

Submittal Date: 11/19/2013

Group Number: 1435039

PO Number: 1-0145-04

State of Sample Origin: GA

<u>Client Sample Description</u>	<u>Lancaster Labs (LL) #</u>
TB-PAE-111313 Water	7283229
MW-48D Grab Groundwater	7283230
MW-48S Grab Groundwater	7283231
MW-23 Grab Groundwater	7283232
MW-4 Grab Groundwater	7283233
MW-4 MS Grab Groundwater	7283234
MW-4 MSD Grab Groundwater	7283235
MW-47D Grab Groundwater	7283236
MW-47S Grab Groundwater	7283237
MW-DUP Grab Groundwater	7283238
MW-66 Grab Groundwater	7283239
MW-63 Grab Groundwater	7283240
MW-65D Grab Groundwater	7283241
MW-65S Grab Groundwater	7283242
MW-3 Grab Groundwater	7283243
MW-64 Grab Groundwater	7283244
MW-5 Grab Groundwater	7283245
EB-01 Grab Groundwater	7283246

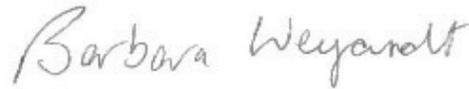
The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Sample Analysis Record.

ELECTRONIC The Johnson Company, Inc.
COPY TO
ELECTRONIC The Johnson Company, Inc.
COPY TO

Attn: Glen Kirkpatrick

Attn: Tristan Hardy

Respectfully Submitted,



Barbara A. Weyandt
Specialist

(717) 556-7264

Sample Description: TB-PAE-111313 Water
AD-GA/1-0145-04

LL Sample # WW 7283229
LL Group # 1435039
Account # 06556

Project Name: AD-GA/1-0145-04

Collected: 11/13/2013

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

Submitted: 11/19/2013 09:10
Reported: 12/05/2013 19:45

TBP13

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles	SW-846 8260B	ug/l	ug/l	
10335	Acetone	67-64-1	< 20	20	1
10335	Benzene	71-43-2	< 5	5	1
10335	Bromodichloromethane	75-27-4	< 5	5	1
10335	Bromoform	75-25-2	< 5	5	1
10335	Bromomethane	74-83-9	< 5	5	1
10335	2-Butanone	78-93-3	< 10	10	1
10335	Carbon Disulfide	75-15-0	< 5	5	1
10335	Carbon Tetrachloride	56-23-5	< 5	5	1
10335	Chlorobenzene	108-90-7	< 5	5	1
10335	Chloroethane	75-00-3	< 5	5	1
10335	Chloroform	67-66-3	< 5	5	1
10335	Chloromethane	74-87-3	< 5	5	1
10335	Dibromochloromethane	124-48-1	< 5	5	1
10335	1,1-Dichloroethane	75-34-3	< 5	5	1
10335	1,2-Dichloroethane	107-06-2	< 5	5	1
10335	1,1-Dichloroethene	75-35-4	< 2	2	1
10335	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10335	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10335	1,2-Dichloropropane	78-87-5	< 5	5	1
10335	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10335	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10335	Ethylbenzene	100-41-4	< 5	5	1
10335	2-Hexanone	591-78-6	< 10	10	1
10335	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10335	Methylene Chloride	75-09-2	< 5	5	1
10335	Styrene	100-42-5	< 5	5	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10335	Tetrachloroethene	127-18-4	< 5	5	1
10335	Toluene	108-88-3	< 5	5	1
10335	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10335	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10335	Trichloroethene	79-01-6	< 5	5	1
10335	Vinyl Chloride	75-01-4	< 2	2	1
10335	Xylene (Total)	1330-20-7	< 5	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/14

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	8260 Ext. Water Master w/GRO	SW-846 8260B	1	Y133241AA	11/20/2013 10:42	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y133241AA	11/20/2013 10:42	Angela D Sneeringer	1

Sample Description: MW-48D Grab Groundwater
AD-GA/1-0145-04

LL Sample # WW 7283230
LL Group # 1435039
Account # 06556

Project Name: AD-GA/1-0145-04

Collected: 11/13/2013 16:45 by PE

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

Submitted: 11/19/2013 09:10
Reported: 12/05/2013 19:45

48DAD

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles SW-846 8260B			ug/l	ug/l	
10335	Acetone	67-64-1	< 20	20	1
10335	Benzene	71-43-2	< 5	5	1
10335	Bromodichloromethane	75-27-4	< 5	5	1
10335	Bromoform	75-25-2	< 5	5	1
10335	Bromomethane	74-83-9	< 5	5	1
10335	2-Butanone	78-93-3	< 10	10	1
10335	Carbon Disulfide	75-15-0	< 5	5	1
10335	Carbon Tetrachloride	56-23-5	< 5	5	1
10335	Chlorobenzene	108-90-7	< 5	5	1
10335	Chloroethane	75-00-3	< 5	5	1
10335	Chloroform	67-66-3	< 5	5	1
10335	Chloromethane	74-87-3	< 5	5	1
10335	Dibromochloromethane	124-48-1	< 5	5	1
10335	1,1-Dichloroethane	75-34-3	11	5	1
10335	1,2-Dichloroethane	107-06-2	< 5	5	1
10335	1,1-Dichloroethene	75-35-4	180	2	1
10335	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10335	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10335	1,2-Dichloropropane	78-87-5	< 5	5	1
10335	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10335	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10335	Ethylbenzene	100-41-4	< 5	5	1
10335	2-Hexanone	591-78-6	< 10	10	1
10335	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10335	Methylene Chloride	75-09-2	< 5	5	1
10335	Styrene	100-42-5	< 5	5	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10335	Tetrachloroethene	127-18-4	< 5	5	1
10335	Toluene	108-88-3	< 5	5	1
10335	1,1,1-Trichloroethane	71-55-6	36	5	1
10335	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10335	Trichloroethene	79-01-6	< 5	5	1
10335	Vinyl Chloride	75-01-4	< 2	2	1
10335	Xylene (Total)	1330-20-7	< 5	5	1
GC/MS Volatiles SW-846 8260B SIM			ug/l	ug/l	
00527	1,4-Dioxane	123-91-1	57	20	10

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/14

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial# Batch#	Analysis Date and Time	Analyst	Dilution Factor
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Sample Description: MW-48D Grab Groundwater
AD-GA/1-0145-04

LL Sample # WW 7283230
LL Group # 1435039
Account # 06556

Project Name: AD-GA/1-0145-04

Collected: 11/13/2013 16:45 by PE

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

Submitted: 11/19/2013 09:10

Reported: 12/05/2013 19:45

48DAD

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	8260 Ext. Water Master w/GRO	SW-846 8260B	1	Y133241AA	11/20/2013 11:24	Angela D Sneeringer	1
00527	1,4-Dioxane by Isotope Dil SIM	SW-846 8260B SIM	1	E133272AA	11/23/2013 17:25	Jason M Long	10
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y133241AA	11/20/2013 11:24	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	2	E133272AA	11/23/2013 17:25	Jason M Long	10

Sample Description: MW-48S Grab Groundwater
AD-GA/1-0145-04

LL Sample # WW 7283231
LL Group # 1435039
Account # 06556

Project Name: AD-GA/1-0145-04

Collected: 11/13/2013 17:51 by PE

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

Submitted: 11/19/2013 09:10
Reported: 12/05/2013 19:45

48SAD

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles SW-846 8260B			ug/l	ug/l	
10335	Acetone	67-64-1	< 20	20	1
10335	Benzene	71-43-2	< 5	5	1
10335	Bromodichloromethane	75-27-4	< 5	5	1
10335	Bromoform	75-25-2	< 5	5	1
10335	Bromomethane	74-83-9	< 5	5	1
10335	2-Butanone	78-93-3	< 10	10	1
10335	Carbon Disulfide	75-15-0	< 5	5	1
10335	Carbon Tetrachloride	56-23-5	< 5	5	1
10335	Chlorobenzene	108-90-7	< 5	5	1
10335	Chloroethane	75-00-3	< 5	5	1
10335	Chloroform	67-66-3	< 5	5	1
10335	Chloromethane	74-87-3	< 5	5	1
10335	Dibromochloromethane	124-48-1	< 5	5	1
10335	1,1-Dichloroethane	75-34-3	34	5	1
10335	1,2-Dichloroethane	107-06-2	< 5	5	1
10335	1,1-Dichloroethene	75-35-4	410	20	10
10335	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10335	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10335	1,2-Dichloropropane	78-87-5	< 5	5	1
10335	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10335	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10335	Ethylbenzene	100-41-4	< 5	5	1
10335	2-Hexanone	591-78-6	< 10	10	1
10335	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10335	Methylene Chloride	75-09-2	< 5	5	1
10335	Styrene	100-42-5	< 5	5	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10335	Tetrachloroethene	127-18-4	< 5	5	1
10335	Toluene	108-88-3	< 5	5	1
10335	1,1,1-Trichloroethane	71-55-6	56	5	1
10335	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10335	Trichloroethene	79-01-6	< 5	5	1
10335	Vinyl Chloride	75-01-4	3	2	1
10335	Xylene (Total)	1330-20-7	< 5	5	1
GC/MS Volatiles SW-846 8260B SIM			ug/l	ug/l	
00527	1,4-Dioxane	123-91-1	77	40	20

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/14

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial# Batch#	Analysis Date and Time	Analyst	Dilution Factor
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Sample Description: MW-48S Grab Groundwater
AD-GA/1-0145-04

LL Sample # WW 7283231
LL Group # 1435039
Account # 06556

Project Name: AD-GA/1-0145-04

Collected: 11/13/2013 17:51 by PE

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

Submitted: 11/19/2013 09:10

Reported: 12/05/2013 19:45

48SAD

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	8260 Ext. Water Master w/GRO	SW-846 8260B	1	Y133241AA	11/20/2013 11:44	Angela D Sneeringer	1
10335	8260 Ext. Water Master w/GRO	SW-846 8260B	1	Y133241AA	11/20/2013 19:28	Angela D Sneeringer	10
00527	1,4-Dioxane by Isotope Dil SIM	SW-846 8260B SIM	1	E133241AA	11/20/2013 18:29	Jason M Long	20
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y133241AA	11/20/2013 11:44	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	2	E133241AA	11/20/2013 18:29	Jason M Long	20
01163	GC/MS VOA Water Prep	SW-846 5030B	3	Y133241AA	11/20/2013 19:28	Angela D Sneeringer	10

Sample Description: MW-23 Grab Groundwater
AD-GA/1-0145-04

LL Sample # WW 7283232
LL Group # 1435039
Account # 06556

Project Name: AD-GA/1-0145-04

Collected: 11/14/2013 09:05 by PE

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

Submitted: 11/19/2013 09:10
Reported: 12/05/2013 19:45

23ADG

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles SW-846 8260B			ug/l	ug/l	
10335	Acetone	67-64-1	< 20	20	1
10335	Benzene	71-43-2	< 5	5	1
10335	Bromodichloromethane	75-27-4	< 5	5	1
10335	Bromoform	75-25-2	< 5	5	1
10335	Bromomethane	74-83-9	< 5	5	1
10335	2-Butanone	78-93-3	< 10	10	1
10335	Carbon Disulfide	75-15-0	< 5	5	1
10335	Carbon Tetrachloride	56-23-5	< 5	5	1
10335	Chlorobenzene	108-90-7	< 5	5	1
10335	Chloroethane	75-00-3	< 5	5	1
10335	Chloroform	67-66-3	< 5	5	1
10335	Chloromethane	74-87-3	< 5	5	1
10335	Dibromochloromethane	124-48-1	< 5	5	1
10335	1,1-Dichloroethane	75-34-3	< 5	5	1
10335	1,2-Dichloroethane	107-06-2	< 5	5	1
10335	1,1-Dichloroethene	75-35-4	< 2	2	1
10335	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10335	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10335	1,2-Dichloropropane	78-87-5	< 5	5	1
10335	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10335	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10335	Ethylbenzene	100-41-4	< 5	5	1
10335	2-Hexanone	591-78-6	< 10	10	1
10335	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10335	Methylene Chloride	75-09-2	< 5	5	1
10335	Styrene	100-42-5	< 5	5	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10335	Tetrachloroethene	127-18-4	< 5	5	1
10335	Toluene	108-88-3	< 5	5	1
10335	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10335	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10335	Trichloroethene	79-01-6	< 5	5	1
10335	Vinyl Chloride	75-01-4	< 2	2	1
10335	Xylene (Total)	1330-20-7	< 5	5	1
GC/MS Volatiles SW-846 8260B SIM			ug/l	ug/l	
00527	1,4-Dioxane	123-91-1	< 2.0	2.0	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/14

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial# Batch#	Analysis Date and Time	Analyst	Dilution Factor
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Sample Description: MW-23 Grab Groundwater
AD-GA/1-0145-04

LL Sample # WW 7283232
LL Group # 1435039
Account # 06556

Project Name: AD-GA/1-0145-04

Collected: 11/14/2013 09:05 by PE

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

Submitted: 11/19/2013 09:10

Reported: 12/05/2013 19:45

23ADG

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	8260 Ext. Water Master w/GRO	SW-846 8260B	1	Y133241AA	11/20/2013 12:05	Angela D Sneeringer	1
00527	1,4-Dioxane by Isotope Dil SIM	SW-846 8260B SIM	1	E133241AA	11/20/2013 17:28	Jason M Long	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y133241AA	11/20/2013 12:05	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	2	E133241AA	11/20/2013 17:28	Jason M Long	1

Sample Description: MW-4 Grab Groundwater
AD-GA/1-0145-04

LL Sample # WW 7283233
LL Group # 1435039
Account # 06556

Project Name: AD-GA/1-0145-04

Collected: 11/14/2013 12:20 by PE

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

Submitted: 11/19/2013 09:10
Reported: 12/05/2013 19:45

4ADGA

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles SW-846 8260B			ug/l	ug/l	
10335	Acetone	67-64-1	< 20	20	1
10335	Benzene	71-43-2	< 5	5	1
10335	Bromodichloromethane	75-27-4	< 5	5	1
10335	Bromoform	75-25-2	< 5	5	1
10335	Bromomethane	74-83-9	< 5	5	1
10335	2-Butanone	78-93-3	< 10	10	1
10335	Carbon Disulfide	75-15-0	< 5	5	1
10335	Carbon Tetrachloride	56-23-5	< 5	5	1
10335	Chlorobenzene	108-90-7	< 5	5	1
10335	Chloroethane	75-00-3	< 5	5	1
10335	Chloroform	67-66-3	< 5	5	1
10335	Chloromethane	74-87-3	< 5	5	1
10335	Dibromochloromethane	124-48-1	< 5	5	1
10335	1,1-Dichloroethane	75-34-3	< 5	5	1
10335	1,2-Dichloroethane	107-06-2	< 5	5	1
10335	1,1-Dichloroethene	75-35-4	< 2	2	1
10335	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10335	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10335	1,2-Dichloropropane	78-87-5	< 5	5	1
10335	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10335	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10335	Ethylbenzene	100-41-4	< 5	5	1
10335	2-Hexanone	591-78-6	< 10	10	1
10335	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10335	Methylene Chloride	75-09-2	< 5	5	1
10335	Styrene	100-42-5	< 5	5	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10335	Tetrachloroethene	127-18-4	< 5	5	1
10335	Toluene	108-88-3	< 5	5	1
10335	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10335	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10335	Trichloroethene	79-01-6	< 5	5	1
10335	Vinyl Chloride	75-01-4	< 2	2	1
10335	Xylene (Total)	1330-20-7	< 5	5	1
GC/MS Volatiles SW-846 8260B SIM			ug/l	ug/l	
00527	1,4-Dioxane	123-91-1	< 2.0	2.0	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/14

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial# Batch#	Analysis Date and Time	Analyst	Dilution Factor
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Sample Description: MW-4 Grab Groundwater
AD-GA/1-0145-04

LL Sample # WW 7283233
LL Group # 1435039
Account # 06556

Project Name: AD-GA/1-0145-04

Collected: 11/14/2013 12:20 by PE

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

Submitted: 11/19/2013 09:10

Reported: 12/05/2013 19:45

4ADGA

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	8260 Ext. Water Master w/GRO	SW-846 8260B	1	Y133241AA	11/20/2013 12:26	Angela D Sneeringer	1
00527	1,4-Dioxane by Isotope Dil SIM	SW-846 8260B SIM	1	E133242AA	11/21/2013 00:29	Kevin A Sposito	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y133241AA	11/20/2013 12:26	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	2	E133242AA	11/21/2013 00:29	Kevin A Sposito	1

Sample Description: MW-4 MS Grab Groundwater
AD-GA/1-0145-04

LL Sample # WW 7283234
LL Group # 1435039
Account # 06556

Project Name: AD-GA/1-0145-04

Collected: 11/14/2013 12:20 by PE

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

Submitted: 11/19/2013 09:10
Reported: 12/05/2013 19:45

4ADGA

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles SW-846 8260B			ug/l	ug/l	
10335	Acetone	67-64-1	120	20	1
10335	Benzene	71-43-2	22	5	1
10335	Bromodichloromethane	75-27-4	19	5	1
10335	Bromoform	75-25-2	17	5	1
10335	Bromomethane	74-83-9	19	5	1
10335	2-Butanone	78-93-3	120	10	1
10335	Carbon Disulfide	75-15-0	14	5	1
10335	Carbon Tetrachloride	56-23-5	22	5	1
10335	Chlorobenzene	108-90-7	22	5	1
10335	Chloroethane	75-00-3	17	5	1
10335	Chloroform	67-66-3	22	5	1
10335	Chloromethane	74-87-3	21	5	1
10335	Dibromochloromethane	124-48-1	19	5	1
10335	1,1-Dichloroethane	75-34-3	22	5	1
10335	1,2-Dichloroethane	107-06-2	21	5	1
10335	1,1-Dichloroethene	75-35-4	21	2	1
10335	cis-1,2-Dichloroethene	156-59-2	22	5	1
10335	trans-1,2-Dichloroethene	156-60-5	22	5	1
10335	1,2-Dichloropropane	78-87-5	21	5	1
10335	cis-1,3-Dichloropropene	10061-01-5	19	5	1
10335	trans-1,3-Dichloropropene	10061-02-6	17	5	1
10335	Ethylbenzene	100-41-4	21	5	1
10335	2-Hexanone	591-78-6	74	10	1
10335	4-Methyl-2-pentanone	108-10-1	80	10	1
10335	Methylene Chloride	75-09-2	21	5	1
10335	Styrene	100-42-5	20	5	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	18	5	1
10335	Tetrachloroethene	127-18-4	23	5	1
10335	Toluene	108-88-3	22	5	1
10335	1,1,1-Trichloroethane	71-55-6	19	5	1
10335	1,1,2-Trichloroethane	79-00-5	21	5	1
10335	Trichloroethene	79-01-6	23	5	1
10335	Vinyl Chloride	75-01-4	22	2	1
10335	Xylene (Total)	1330-20-7	65	5	1
GC/MS Volatiles SW-846 8260B SIM			ug/l	ug/l	
00527	1,4-Dioxane	123-91-1	4.7	2.0	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/14

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial# Batch#	Analysis Date and Time	Analyst	Dilution Factor
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Sample Description: MW-4 MS Grab Groundwater
AD-GA/1-0145-04

LL Sample # WW 7283234
LL Group # 1435039
Account # 06556

Project Name: AD-GA/1-0145-04

Collected: 11/14/2013 12:20 by PE

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

Submitted: 11/19/2013 09:10

Reported: 12/05/2013 19:45

4ADGA

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	8260 Ext. Water Master w/GRO	SW-846 8260B	1	Y133241AA	11/20/2013 12:47	Angela D Sneeringer	1
00527	1,4-Dioxane by Isotope Dil SIM	SW-846 8260B SIM	1	E133242AA	11/21/2013 00:49	Kevin A Sposito	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y133241AA	11/20/2013 12:47	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	2	E133242AA	11/21/2013 00:49	Kevin A Sposito	1

Sample Description: MW-4 MSD Grab Groundwater
AD-GA/1-0145-04

LL Sample # WW 7283235
LL Group # 1435039
Account # 06556

Project Name: AD-GA/1-0145-04

Collected: 11/14/2013 12:20 by PE

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

Submitted: 11/19/2013 09:10
Reported: 12/05/2013 19:45

4ADGA

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles SW-846 8260B			ug/l	ug/l	
10335	Acetone	67-64-1	120	20	1
10335	Benzene	71-43-2	21	5	1
10335	Bromodichloromethane	75-27-4	18	5	1
10335	Bromoform	75-25-2	16	5	1
10335	Bromomethane	74-83-9	20	5	1
10335	2-Butanone	78-93-3	120	10	1
10335	Carbon Disulfide	75-15-0	14	5	1
10335	Carbon Tetrachloride	56-23-5	21	5	1
10335	Chlorobenzene	108-90-7	21	5	1
10335	Chloroethane	75-00-3	18	5	1
10335	Chloroform	67-66-3	21	5	1
10335	Chloromethane	74-87-3	22	5	1
10335	Dibromochloromethane	124-48-1	18	5	1
10335	1,1-Dichloroethane	75-34-3	21	5	1
10335	1,2-Dichloroethane	107-06-2	21	5	1
10335	1,1-Dichloroethene	75-35-4	20	2	1
10335	cis-1,2-Dichloroethene	156-59-2	21	5	1
10335	trans-1,2-Dichloroethene	156-60-5	21	5	1
10335	1,2-Dichloropropane	78-87-5	21	5	1
10335	cis-1,3-Dichloropropene	10061-01-5	19	5	1
10335	trans-1,3-Dichloropropene	10061-02-6	17	5	1
10335	Ethylbenzene	100-41-4	21	5	1
10335	2-Hexanone	591-78-6	73	10	1
10335	4-Methyl-2-pentanone	108-10-1	78	10	1
10335	Methylene Chloride	75-09-2	21	5	1
10335	Styrene	100-42-5	20	5	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	18	5	1
10335	Tetrachloroethene	127-18-4	23	5	1
10335	Toluene	108-88-3	21	5	1
10335	1,1,1-Trichloroethane	71-55-6	19	5	1
10335	1,1,2-Trichloroethane	79-00-5	20	5	1
10335	Trichloroethene	79-01-6	22	5	1
10335	Vinyl Chloride	75-01-4	24	2	1
10335	Xylene (Total)	1330-20-7	63	5	1
GC/MS Volatiles SW-846 8260B SIM			ug/l	ug/l	
00527	1,4-Dioxane	123-91-1	4.6	2.0	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/14

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial# Batch#	Analysis Date and Time	Analyst	Dilution Factor
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Sample Description: MW-4 MSD Grab Groundwater
AD-GA/1-0145-04

LL Sample # WW 7283235
LL Group # 1435039
Account # 06556

Project Name: AD-GA/1-0145-04

Collected: 11/14/2013 12:20 by PE

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

Submitted: 11/19/2013 09:10

Reported: 12/05/2013 19:45

4ADGA

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	8260 Ext. Water Master w/GRO	SW-846 8260B	1	Y133241AA	11/20/2013 13:08	Angela D Sneeringer	1
00527	1,4-Dioxane by Isotope Dil SIM	SW-846 8260B SIM	1	E133242AA	11/21/2013 01:10	Kevin A Sposito	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y133241AA	11/20/2013 13:08	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	2	E133242AA	11/21/2013 01:10	Kevin A Sposito	1

Sample Description: MW-47D Grab Groundwater
AD-GA/1-0145-04

LL Sample # WW 7283236
LL Group # 1435039
Account # 06556

Project Name: AD-GA/1-0145-04

Collected: 11/14/2013 15:27 by PE

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

Submitted: 11/19/2013 09:10
Reported: 12/05/2013 19:45

47DAD

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles SW-846 8260B			ug/l	ug/l	
10335	Acetone	67-64-1	< 20	20	1
10335	Benzene	71-43-2	< 5	5	1
10335	Bromodichloromethane	75-27-4	< 5	5	1
10335	Bromoform	75-25-2	< 5	5	1
10335	Bromomethane	74-83-9	< 5	5	1
10335	2-Butanone	78-93-3	< 10	10	1
10335	Carbon Disulfide	75-15-0	< 5	5	1
10335	Carbon Tetrachloride	56-23-5	< 5	5	1
10335	Chlorobenzene	108-90-7	< 5	5	1
10335	Chloroethane	75-00-3	< 5	5	1
10335	Chloroform	67-66-3	< 5	5	1
10335	Chloromethane	74-87-3	< 5	5	1
10335	Dibromochloromethane	124-48-1	< 5	5	1
10335	1,1-Dichloroethane	75-34-3	< 5	5	1
10335	1,2-Dichloroethane	107-06-2	< 5	5	1
10335	1,1-Dichloroethene	75-35-4	< 2	2	1
10335	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10335	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10335	1,2-Dichloropropane	78-87-5	< 5	5	1
10335	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10335	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10335	Ethylbenzene	100-41-4	< 5	5	1
10335	2-Hexanone	591-78-6	< 10	10	1
10335	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10335	Methylene Chloride	75-09-2	< 5	5	1
10335	Styrene	100-42-5	< 5	5	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10335	Tetrachloroethene	127-18-4	< 5	5	1
10335	Toluene	108-88-3	< 5	5	1
10335	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10335	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10335	Trichloroethene	79-01-6	< 5	5	1
10335	Vinyl Chloride	75-01-4	< 2	2	1
10335	Xylene (Total)	1330-20-7	< 5	5	1
GC/MS Volatiles SW-846 8260B SIM			ug/l	ug/l	
00527	1,4-Dioxane	123-91-1	< 2.0	2.0	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/14

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial# Batch#	Analysis Date and Time	Analyst	Dilution Factor
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Sample Description: MW-47D Grab Groundwater
AD-GA/1-0145-04

LL Sample # WW 7283236
LL Group # 1435039
Account # 06556

Project Name: AD-GA/1-0145-04

Collected: 11/14/2013 15:27 by PE

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

Submitted: 11/19/2013 09:10

Reported: 12/05/2013 19:45

47DAD

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	8260 Ext. Water Master w/GRO	SW-846 8260B	1	Y133241AA	11/20/2013 13:29	Angela D Sneeringer	1
00527	1,4-Dioxane by Isotope Dil SIM	SW-846 8260B SIM	1	E133241AA	11/20/2013 14:43	Jason M Long	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y133241AA	11/20/2013 13:29	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	2	E133241AA	11/20/2013 14:43	Jason M Long	1

Sample Description: MW-47S Grab Groundwater
AD-GA/1-0145-04

LL Sample # WW 7283237
LL Group # 1435039
Account # 06556

Project Name: AD-GA/1-0145-04

Collected: 11/14/2013 17:37 by PE

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

Submitted: 11/19/2013 09:10
Reported: 12/05/2013 19:45

47SAD

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles SW-846 8260B			ug/l	ug/l	
10335	Acetone	67-64-1	< 20	20	1
10335	Benzene	71-43-2	< 5	5	1
10335	Bromodichloromethane	75-27-4	< 5	5	1
10335	Bromoform	75-25-2	< 5	5	1
10335	Bromomethane	74-83-9	< 5	5	1
10335	2-Butanone	78-93-3	< 10	10	1
10335	Carbon Disulfide	75-15-0	< 5	5	1
10335	Carbon Tetrachloride	56-23-5	< 5	5	1
10335	Chlorobenzene	108-90-7	< 5	5	1
10335	Chloroethane	75-00-3	< 5	5	1
10335	Chloroform	67-66-3	< 5	5	1
10335	Chloromethane	74-87-3	< 5	5	1
10335	Dibromochloromethane	124-48-1	< 5	5	1
10335	1,1-Dichloroethane	75-34-3	< 5	5	1
10335	1,2-Dichloroethane	107-06-2	< 5	5	1
10335	1,1-Dichloroethene	75-35-4	17	2	1
10335	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10335	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10335	1,2-Dichloropropane	78-87-5	< 5	5	1
10335	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10335	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10335	Ethylbenzene	100-41-4	< 5	5	1
10335	2-Hexanone	591-78-6	< 10	10	1
10335	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10335	Methylene Chloride	75-09-2	< 5	5	1
10335	Styrene	100-42-5	< 5	5	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10335	Tetrachloroethene	127-18-4	< 5	5	1
10335	Toluene	108-88-3	< 5	5	1
10335	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10335	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10335	Trichloroethene	79-01-6	< 5	5	1
10335	Vinyl Chloride	75-01-4	10	2	1
10335	Xylene (Total)	1330-20-7	< 5	5	1
GC/MS Volatiles SW-846 8260B SIM			ug/l	ug/l	
00527	1,4-Dioxane	123-91-1	13	4.0	2

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/14

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial# Batch#	Analysis Date and Time	Analyst	Dilution Factor
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Sample Description: MW-47S Grab Groundwater
AD-GA/1-0145-04

LL Sample # WW 7283237
LL Group # 1435039
Account # 06556

Project Name: AD-GA/1-0145-04

Collected: 11/14/2013 17:37 by PE

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

Submitted: 11/19/2013 09:10

Reported: 12/05/2013 19:45

47SAD

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	8260 Ext. Water Master w/GRO	SW-846 8260B	1	Y133241AA	11/20/2013 13:51	Angela D Sneeringer	1
00527	1,4-Dioxane by Isotope Dil SIM	SW-846 8260B SIM	1	E133241AA	11/20/2013 18:50	Jason M Long	2
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y133241AA	11/20/2013 13:51	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	2	E133241AA	11/20/2013 18:50	Jason M Long	2

Sample Description: MW-DUP Grab Groundwater
AD-GA/1-0145-04

LL Sample # WW 7283238
LL Group # 1435039
Account # 06556

Project Name: AD-GA/1-0145-04

Collected: 11/13/2013 13:00 by PE

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

Submitted: 11/19/2013 09:10

Reported: 12/05/2013 19:45

FDADG

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles SW-846 8260B			ug/l	ug/l	
10335	Acetone	67-64-1	< 20	20	1
10335	Benzene	71-43-2	< 5	5	1
10335	Bromodichloromethane	75-27-4	< 5	5	1
10335	Bromoform	75-25-2	< 5	5	1
10335	Bromomethane	74-83-9	< 5	5	1
10335	2-Butanone	78-93-3	< 10	10	1
10335	Carbon Disulfide	75-15-0	< 5	5	1
10335	Carbon Tetrachloride	56-23-5	< 5	5	1
10335	Chlorobenzene	108-90-7	< 5	5	1
10335	Chloroethane	75-00-3	< 5	5	1
10335	Chloroform	67-66-3	< 5	5	1
10335	Chloromethane	74-87-3	< 5	5	1
10335	Dibromochloromethane	124-48-1	< 5	5	1
10335	1,1-Dichloroethane	75-34-3	11	5	1
10335	1,2-Dichloroethane	107-06-2	< 5	5	1
10335	1,1-Dichloroethene	75-35-4	190	2	1
10335	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10335	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10335	1,2-Dichloropropane	78-87-5	< 5	5	1
10335	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10335	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10335	Ethylbenzene	100-41-4	< 5	5	1
10335	2-Hexanone	591-78-6	< 10	10	1
10335	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10335	Methylene Chloride	75-09-2	< 5	5	1
10335	Styrene	100-42-5	< 5	5	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10335	Tetrachloroethene	127-18-4	< 5	5	1
10335	Toluene	108-88-3	< 5	5	1
10335	1,1,1-Trichloroethane	71-55-6	36	5	1
10335	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10335	Trichloroethene	79-01-6	< 5	5	1
10335	Vinyl Chloride	75-01-4	< 2	2	1
10335	Xylene (Total)	1330-20-7	< 5	5	1
GC/MS Volatiles SW-846 8260B SIM			ug/l	ug/l	
00527	1,4-Dioxane	123-91-1	56	10	5

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/14

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial# Batch#	Analysis Date and Time	Analyst	Dilution Factor
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Sample Description: MW-DUP Grab Groundwater
AD-GA/1-0145-04

LL Sample # WW 7283238
LL Group # 1435039
Account # 06556

Project Name: AD-GA/1-0145-04

Collected: 11/13/2013 13:00 by PE

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

Submitted: 11/19/2013 09:10

Reported: 12/05/2013 19:45

FDADG

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	8260 Ext. Water Master w/GRO	SW-846 8260B	1	Y133241AA	11/20/2013 14:12	Angela D Sneeringer	1
00527	1,4-Dioxane by Isotope Dil SIM	SW-846 8260B SIM	1	E133272AA	11/23/2013 17:46	Jason M Long	5
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y133241AA	11/20/2013 14:12	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	2	E133272AA	11/23/2013 17:46	Jason M Long	5

Sample Description: MW-66 Grab Groundwater
AD-GA/1-0145-04

LL Sample # WW 7283239
LL Group # 1435039
Account # 06556

Project Name: AD-GA/1-0145-04

Collected: 11/15/2013 08:34 by PE

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

Submitted: 11/19/2013 09:10
Reported: 12/05/2013 19:45

66ADG

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles SW-846 8260B			ug/l	ug/l	
10335	Acetone	67-64-1	< 20	20	1
10335	Benzene	71-43-2	< 5	5	1
10335	Bromodichloromethane	75-27-4	< 5	5	1
10335	Bromoform	75-25-2	< 5	5	1
10335	Bromomethane	74-83-9	< 5	5	1
10335	2-Butanone	78-93-3	< 10	10	1
10335	Carbon Disulfide	75-15-0	< 5	5	1
10335	Carbon Tetrachloride	56-23-5	< 5	5	1
10335	Chlorobenzene	108-90-7	< 5	5	1
10335	Chloroethane	75-00-3	< 5	5	1
10335	Chloroform	67-66-3	< 5	5	1
10335	Chloromethane	74-87-3	< 5	5	1
10335	Dibromochloromethane	124-48-1	< 5	5	1
10335	1,1-Dichloroethane	75-34-3	< 5	5	1
10335	1,2-Dichloroethane	107-06-2	< 5	5	1
10335	1,1-Dichloroethene	75-35-4	< 2	2	1
10335	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10335	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10335	1,2-Dichloropropane	78-87-5	< 5	5	1
10335	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10335	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10335	Ethylbenzene	100-41-4	< 5	5	1
10335	2-Hexanone	591-78-6	< 10	10	1
10335	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10335	Methylene Chloride	75-09-2	< 5	5	1
10335	Styrene	100-42-5	< 5	5	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10335	Tetrachloroethene	127-18-4	< 5	5	1
10335	Toluene	108-88-3	< 5	5	1
10335	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10335	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10335	Trichloroethene	79-01-6	< 5	5	1
10335	Vinyl Chloride	75-01-4	< 2	2	1
10335	Xylene (Total)	1330-20-7	< 5	5	1
GC/MS Volatiles SW-846 8260B SIM			ug/l	ug/l	
00527	1,4-Dioxane	123-91-1	< 2.0	2.0	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/14

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial# Batch#	Analysis Date and Time	Analyst	Dilution Factor
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Sample Description: MW-66 Grab Groundwater
AD-GA/1-0145-04

LL Sample # WW 7283239
LL Group # 1435039
Account # 06556

Project Name: AD-GA/1-0145-04

Collected: 11/15/2013 08:34 by PE

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

Submitted: 11/19/2013 09:10

Reported: 12/05/2013 19:45

66ADG

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	8260 Ext. Water Master w/GRO	SW-846 8260B	1	Y133241AA	11/20/2013 14:33	Angela D Sneeringer	1
00527	1,4-Dioxane by Isotope Dil SIM	SW-846 8260B SIM	1	E133242AA	11/21/2013 03:13	Kevin A Sposito	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y133241AA	11/20/2013 14:33	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	2	E133242AA	11/21/2013 03:13	Kevin A Sposito	1

Sample Description: MW-63 Grab Groundwater
AD-GA/1-0145-04

LL Sample # WW 7283240
LL Group # 1435039
Account # 06556

Project Name: AD-GA/1-0145-04

Collected: 11/15/2013 10:04 by PE

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

Submitted: 11/19/2013 09:10
Reported: 12/05/2013 19:45

63ADG

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles SW-846 8260B			ug/l	ug/l	
10335	Acetone	67-64-1	< 20	20	1
10335	Benzene	71-43-2	< 5	5	1
10335	Bromodichloromethane	75-27-4	< 5	5	1
10335	Bromoform	75-25-2	< 5	5	1
10335	Bromomethane	74-83-9	< 5	5	1
10335	2-Butanone	78-93-3	< 10	10	1
10335	Carbon Disulfide	75-15-0	< 5	5	1
10335	Carbon Tetrachloride	56-23-5	< 5	5	1
10335	Chlorobenzene	108-90-7	< 5	5	1
10335	Chloroethane	75-00-3	< 5	5	1
10335	Chloroform	67-66-3	< 5	5	1
10335	Chloromethane	74-87-3	< 5	5	1
10335	Dibromochloromethane	124-48-1	< 5	5	1
10335	1,1-Dichloroethane	75-34-3	< 5	5	1
10335	1,2-Dichloroethane	107-06-2	< 5	5	1
10335	1,1-Dichloroethene	75-35-4	< 2	2	1
10335	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10335	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10335	1,2-Dichloropropane	78-87-5	< 5	5	1
10335	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10335	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10335	Ethylbenzene	100-41-4	< 5	5	1
10335	2-Hexanone	591-78-6	< 10	10	1
10335	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10335	Methylene Chloride	75-09-2	< 5	5	1
10335	Styrene	100-42-5	< 5	5	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10335	Tetrachloroethene	127-18-4	< 5	5	1
10335	Toluene	108-88-3	< 5	5	1
10335	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10335	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10335	Trichloroethene	79-01-6	< 5	5	1
10335	Vinyl Chloride	75-01-4	< 2	2	1
10335	Xylene (Total)	1330-20-7	< 5	5	1
GC/MS Volatiles SW-846 8260B SIM			ug/l	ug/l	
00527	1,4-Dioxane	123-91-1	< 2.0	2.0	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/14

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial# Batch#	Analysis Date and Time	Analyst	Dilution Factor
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Sample Description: MW-63 Grab Groundwater
AD-GA/1-0145-04

LL Sample # WW 7283240
LL Group # 1435039
Account # 06556

Project Name: AD-GA/1-0145-04

Collected: 11/15/2013 10:04 by PE

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

Submitted: 11/19/2013 09:10

Reported: 12/05/2013 19:45

63ADG

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	8260 Ext. Water Master w/GRO	SW-846 8260B	1	Y133241AA	11/20/2013 14:54	Angela D Sneeringer	1
00527	1,4-Dioxane by Isotope Dil SIM	SW-846 8260B SIM	1	E133242AA	11/21/2013 03:34	Kevin A Sposito	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y133241AA	11/20/2013 14:54	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	2	E133242AA	11/21/2013 03:34	Kevin A Sposito	1

Sample Description: MW-65D Grab Groundwater
AD-GA/1-0145-04

LL Sample # WW 7283241
LL Group # 1435039
Account # 06556

Project Name: AD-GA/1-0145-04

Collected: 11/15/2013 11:47 by PE

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

Submitted: 11/19/2013 09:10
Reported: 12/05/2013 19:45

65DAD

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles SW-846 8260B			ug/l	ug/l	
10335	Acetone	67-64-1	< 20	20	1
10335	Benzene	71-43-2	< 5	5	1
10335	Bromodichloromethane	75-27-4	< 5	5	1
10335	Bromoform	75-25-2	< 5	5	1
10335	Bromomethane	74-83-9	< 5	5	1
10335	2-Butanone	78-93-3	< 10	10	1
10335	Carbon Disulfide	75-15-0	< 5	5	1
10335	Carbon Tetrachloride	56-23-5	< 5	5	1
10335	Chlorobenzene	108-90-7	< 5	5	1
10335	Chloroethane	75-00-3	< 5	5	1
10335	Chloroform	67-66-3	< 5	5	1
10335	Chloromethane	74-87-3	< 5	5	1
10335	Dibromochloromethane	124-48-1	< 5	5	1
10335	1,1-Dichloroethane	75-34-3	< 5	5	1
10335	1,2-Dichloroethane	107-06-2	< 5	5	1
10335	1,1-Dichloroethene	75-35-4	3	2	1
10335	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10335	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10335	1,2-Dichloropropane	78-87-5	< 5	5	1
10335	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10335	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10335	Ethylbenzene	100-41-4	< 5	5	1
10335	2-Hexanone	591-78-6	< 10	10	1
10335	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10335	Methylene Chloride	75-09-2	< 5	5	1
10335	Styrene	100-42-5	< 5	5	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10335	Tetrachloroethene	127-18-4	< 5	5	1
10335	Toluene	108-88-3	< 5	5	1
10335	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10335	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10335	Trichloroethene	79-01-6	< 5	5	1
10335	Vinyl Chloride	75-01-4	< 2	2	1
10335	Xylene (Total)	1330-20-7	< 5	5	1
GC/MS Volatiles SW-846 8260B SIM			ug/l	ug/l	
00527	1,4-Dioxane	123-91-1	19	4.0	2

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/14

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial# Batch#	Analysis Date and Time	Analyst	Dilution Factor
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Sample Description: MW-65D Grab Groundwater
AD-GA/1-0145-04

LL Sample # WW 7283241
LL Group # 1435039
Account # 06556

Project Name: AD-GA/1-0145-04

Collected: 11/15/2013 11:47 by PE

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

Submitted: 11/19/2013 09:10

Reported: 12/05/2013 19:45

65DAD

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	8260 Ext. Water Master w/GRO	SW-846 8260B	1	Y133241AA	11/20/2013 15:15	Angela D Sneeringer	1
00527	1,4-Dioxane by Isotope Dil SIM	SW-846 8260B SIM	1	E133242AA	11/21/2013 04:56	Kevin A Sposito	2
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y133241AA	11/20/2013 15:15	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	2	E133242AA	11/21/2013 04:56	Kevin A Sposito	2

Sample Description: MW-65S Grab Groundwater
AD-GA/1-0145-04

LL Sample # WW 7283242
LL Group # 1435039
Account # 06556

Project Name: AD-GA/1-0145-04

Collected: 11/15/2013 13:15 by PE

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

Submitted: 11/19/2013 09:10
Reported: 12/05/2013 19:45

65SAD

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles SW-846 8260B			ug/l	ug/l	
10335	Acetone	67-64-1	< 20	20	1
10335	Benzene	71-43-2	< 5	5	1
10335	Bromodichloromethane	75-27-4	< 5	5	1
10335	Bromoform	75-25-2	< 5	5	1
10335	Bromomethane	74-83-9	< 5	5	1
10335	2-Butanone	78-93-3	< 10	10	1
10335	Carbon Disulfide	75-15-0	< 5	5	1
10335	Carbon Tetrachloride	56-23-5	< 5	5	1
10335	Chlorobenzene	108-90-7	< 5	5	1
10335	Chloroethane	75-00-3	< 5	5	1
10335	Chloroform	67-66-3	< 5	5	1
10335	Chloromethane	74-87-3	< 5	5	1
10335	Dibromochloromethane	124-48-1	< 5	5	1
10335	1,1-Dichloroethane	75-34-3	280	50	10
10335	1,2-Dichloroethane	107-06-2	40	5	1
10335	1,1-Dichloroethene	75-35-4	7,300	200	100
10335	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10335	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10335	1,2-Dichloropropane	78-87-5	< 5	5	1
10335	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10335	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10335	Ethylbenzene	100-41-4	< 5	5	1
10335	2-Hexanone	591-78-6	< 10	10	1
10335	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10335	Methylene Chloride	75-09-2	< 5	5	1
10335	Styrene	100-42-5	< 5	5	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10335	Tetrachloroethene	127-18-4	< 5	5	1
10335	Toluene	108-88-3	< 5	5	1
10335	1,1,1-Trichloroethane	71-55-6	410	50	10
10335	1,1,2-Trichloroethane	79-00-5	16	5	1
10335	Trichloroethene	79-01-6	9	5	1
10335	Vinyl Chloride	75-01-4	11	2	1
10335	Xylene (Total)	1330-20-7	< 5	5	1
GC/MS Volatiles SW-846 8260B SIM			ug/l	ug/l	
00527	1,4-Dioxane	123-91-1	2,000	1,000	500

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/14

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial# Batch#	Analysis Date and Time	Analyst	Dilution Factor
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Sample Description: MW-65S Grab Groundwater
AD-GA/1-0145-04

LL Sample # WW 7283242
LL Group # 1435039
Account # 06556

Project Name: AD-GA/1-0145-04

Collected: 11/15/2013 13:15 by PE

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

Submitted: 11/19/2013 09:10

Reported: 12/05/2013 19:45

65SAD

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	8260 Ext. Water Master w/GRO	SW-846 8260B	1	Y133241AA	11/20/2013 15:36	Angela D Sneeringer	1
10335	8260 Ext. Water Master w/GRO	SW-846 8260B	1	N133312AA	11/27/2013 18:20	Linda C Pape	100
10335	8260 Ext. Water Master w/GRO	SW-846 8260B	1	N133314AA	11/27/2013 21:09	Andrea E Lando	10
00527	1,4-Dioxane by Isotope Dil SIM	SW-846 8260B SIM	1	E133242AA	11/21/2013 05:16	Kevin A Sposito	500
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y133241AA	11/20/2013 15:36	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	2	E133242AA	11/21/2013 05:16	Kevin A Sposito	500
01163	GC/MS VOA Water Prep	SW-846 5030B	3	N133312AA	11/27/2013 18:20	Linda C Pape	100
01163	GC/MS VOA Water Prep	SW-846 5030B	4	N133314AA	11/27/2013 21:09	Andrea E Lando	10

Sample Description: MW-3 Grab Groundwater
AD-GA/1-0145-04

LL Sample # WW 7283243
LL Group # 1435039
Account # 06556

Project Name: AD-GA/1-0145-04

Collected: 11/15/2013 15:10 by PE

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

Submitted: 11/19/2013 09:10
Reported: 12/05/2013 19:45

3ADGA

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles SW-846 8260B			ug/l	ug/l	
10335	Acetone	67-64-1	< 20	20	1
10335	Benzene	71-43-2	< 5	5	1
10335	Bromodichloromethane	75-27-4	< 5	5	1
10335	Bromoform	75-25-2	< 5	5	1
10335	Bromomethane	74-83-9	< 5	5	1
10335	2-Butanone	78-93-3	< 10	10	1
10335	Carbon Disulfide	75-15-0	< 5	5	1
10335	Carbon Tetrachloride	56-23-5	< 5	5	1
10335	Chlorobenzene	108-90-7	< 5	5	1
10335	Chloroethane	75-00-3	< 5	5	1
10335	Chloroform	67-66-3	< 5	5	1
10335	Chloromethane	74-87-3	< 5	5	1
10335	Dibromochloromethane	124-48-1	< 5	5	1
10335	1,1-Dichloroethane	75-34-3	< 5	5	1
10335	1,2-Dichloroethane	107-06-2	< 5	5	1
10335	1,1-Dichloroethene	75-35-4	< 2	2	1
10335	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10335	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10335	1,2-Dichloropropane	78-87-5	< 5	5	1
10335	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10335	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10335	Ethylbenzene	100-41-4	< 5	5	1
10335	2-Hexanone	591-78-6	< 10	10	1
10335	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10335	Methylene Chloride	75-09-2	< 5	5	1
10335	Styrene	100-42-5	< 5	5	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10335	Tetrachloroethene	127-18-4	< 5	5	1
10335	Toluene	108-88-3	< 5	5	1
10335	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10335	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10335	Trichloroethene	79-01-6	< 5	5	1
10335	Vinyl Chloride	75-01-4	< 2	2	1
10335	Xylene (Total)	1330-20-7	< 5	5	1
GC/MS Volatiles SW-846 8260B SIM			ug/l	ug/l	
00527	1,4-Dioxane	123-91-1	< 2.0	2.0	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/14

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial# Batch#	Analysis Date and Time	Analyst	Dilution Factor
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Sample Description: MW-3 Grab Groundwater
AD-GA/1-0145-04

LL Sample # WW 7283243
LL Group # 1435039
Account # 06556

Project Name: AD-GA/1-0145-04

Collected: 11/15/2013 15:10 by PE

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

Submitted: 11/19/2013 09:10

Reported: 12/05/2013 19:45

3ADGA

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	8260 Ext. Water Master w/GRO	SW-846 8260B	1	Y133241AA	11/20/2013 19:07	Angela D Sneeringer	1
00527	1,4-Dioxane by Isotope Dil SIM	SW-846 8260B SIM	1	E133242AA	11/21/2013 03:54	Kevin A Sposito	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y133241AA	11/20/2013 19:07	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	2	E133242AA	11/21/2013 03:54	Kevin A Sposito	1

Sample Description: MW-64 Grab Groundwater
AD-GA/1-0145-04

LL Sample # WW 7283244
LL Group # 1435039
Account # 06556

Project Name: AD-GA/1-0145-04

Collected: 11/16/2013 15:25 by PE

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

Submitted: 11/19/2013 09:10
Reported: 12/05/2013 19:45

64ADG

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles SW-846 8260B			ug/l	ug/l	
10335	Acetone	67-64-1	< 20	20	1
10335	Benzene	71-43-2	< 5	5	1
10335	Bromodichloromethane	75-27-4	< 5	5	1
10335	Bromoform	75-25-2	< 5	5	1
10335	Bromomethane	74-83-9	< 5	5	1
10335	2-Butanone	78-93-3	< 10	10	1
10335	Carbon Disulfide	75-15-0	< 5	5	1
10335	Carbon Tetrachloride	56-23-5	< 5	5	1
10335	Chlorobenzene	108-90-7	< 5	5	1
10335	Chloroethane	75-00-3	< 5	5	1
10335	Chloroform	67-66-3	< 5	5	1
10335	Chloromethane	74-87-3	< 5	5	1
10335	Dibromochloromethane	124-48-1	< 5	5	1
10335	1,1-Dichloroethane	75-34-3	< 5	5	1
10335	1,2-Dichloroethane	107-06-2	< 5	5	1
10335	1,1-Dichloroethene	75-35-4	< 2	2	1
10335	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10335	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10335	1,2-Dichloropropane	78-87-5	< 5	5	1
10335	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10335	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10335	Ethylbenzene	100-41-4	< 5	5	1
10335	2-Hexanone	591-78-6	< 10	10	1
10335	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10335	Methylene Chloride	75-09-2	< 5	5	1
10335	Styrene	100-42-5	< 5	5	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10335	Tetrachloroethene	127-18-4	< 5	5	1
10335	Toluene	108-88-3	< 5	5	1
10335	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10335	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10335	Trichloroethene	79-01-6	< 5	5	1
10335	Vinyl Chloride	75-01-4	< 2	2	1
10335	Xylene (Total)	1330-20-7	< 5	5	1
GC/MS Volatiles SW-846 8260B SIM			ug/l	ug/l	
00527	1,4-Dioxane	123-91-1	90	20	10

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/14

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial# Batch#	Analysis Date and Time	Analyst	Dilution Factor
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Sample Description: MW-64 Grab Groundwater
AD-GA/1-0145-04

LL Sample # WW 7283244
LL Group # 1435039
Account # 06556

Project Name: AD-GA/1-0145-04

Collected: 11/16/2013 15:25 by PE

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

Submitted: 11/19/2013 09:10

Reported: 12/05/2013 19:45

64ADG

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	8260 Ext. Water Master w/GRO	SW-846 8260B	1	Y133241AA	11/20/2013 16:39	Angela D Sneeringer	1
00527	1,4-Dioxane by Isotope Dil SIM	SW-846 8260B SIM	1	E133272AA	11/23/2013 18:06	Jason M Long	10
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y133241AA	11/20/2013 16:39	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	2	E133272AA	11/23/2013 18:06	Jason M Long	10

Sample Description: MW-5 Grab Groundwater
AD-GA/1-0145-04

LL Sample # WW 7283245
LL Group # 1435039
Account # 06556

Project Name: AD-GA/1-0145-04

Collected: 11/17/2013 13:15 by PE

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

Submitted: 11/19/2013 09:10
Reported: 12/05/2013 19:45

5ADGA

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles SW-846 8260B			ug/l	ug/l	
10335	Acetone	67-64-1	< 20	20	1
10335	Benzene	71-43-2	< 5	5	1
10335	Bromodichloromethane	75-27-4	< 5	5	1
10335	Bromoform	75-25-2	< 5	5	1
10335	Bromomethane	74-83-9	< 5	5	1
10335	2-Butanone	78-93-3	< 10	10	1
10335	Carbon Disulfide	75-15-0	< 5	5	1
10335	Carbon Tetrachloride	56-23-5	< 5	5	1
10335	Chlorobenzene	108-90-7	< 5	5	1
10335	Chloroethane	75-00-3	< 5	5	1
10335	Chloroform	67-66-3	< 5	5	1
10335	Chloromethane	74-87-3	< 5	5	1
10335	Dibromochloromethane	124-48-1	< 5	5	1
10335	1,1-Dichloroethane	75-34-3	< 5	5	1
10335	1,2-Dichloroethane	107-06-2	< 5	5	1
10335	1,1-Dichloroethene	75-35-4	< 2	2	1
10335	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10335	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10335	1,2-Dichloropropane	78-87-5	< 5	5	1
10335	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10335	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10335	Ethylbenzene	100-41-4	< 5	5	1
10335	2-Hexanone	591-78-6	< 10	10	1
10335	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10335	Methylene Chloride	75-09-2	< 5	5	1
10335	Styrene	100-42-5	< 5	5	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10335	Tetrachloroethene	127-18-4	< 5	5	1
10335	Toluene	108-88-3	< 5	5	1
10335	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10335	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10335	Trichloroethene	79-01-6	< 5	5	1
10335	Vinyl Chloride	75-01-4	< 2	2	1
10335	Xylene (Total)	1330-20-7	< 5	5	1
GC/MS Volatiles SW-846 8260B SIM			ug/l	ug/l	
00527	1,4-Dioxane	123-91-1	< 2.0	2.0	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/14

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial# Batch#	Analysis Date and Time	Analyst	Dilution Factor
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Sample Description: MW-5 Grab Groundwater
AD-GA/1-0145-04

LL Sample # WW 7283245
LL Group # 1435039
Account # 06556

Project Name: AD-GA/1-0145-04

Collected: 11/17/2013 13:15 by PE

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

Submitted: 11/19/2013 09:10

Reported: 12/05/2013 19:45

5ADGA

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	8260 Ext. Water Master w/GRO	SW-846 8260B	1	Y133241AA	11/20/2013 17:00	Angela D Sneeringer	1
00527	1,4-Dioxane by Isotope Dil SIM	SW-846 8260B SIM	1	E133242AA	11/21/2013 04:15	Kevin A Sposito	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y133241AA	11/20/2013 17:00	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	2	E133242AA	11/21/2013 04:15	Kevin A Sposito	1

Sample Description: **EB-01 Grab Groundwater**
AD-GA/1-0145-04

LL Sample # **WW 7283246**
LL Group # **1435039**
Account # **06556**

Project Name: **AD-GA/1-0145-04**

Collected: 11/17/2013 14:00 by PE

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

Submitted: 11/19/2013 09:10
Reported: 12/05/2013 19:45

E1ADG

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles SW-846 8260B			ug/l	ug/l	
10335	Acetone	67-64-1	< 20	20	1
10335	Benzene	71-43-2	< 5	5	1
10335	Bromodichloromethane	75-27-4	< 5	5	1
10335	Bromoform	75-25-2	< 5	5	1
10335	Bromomethane	74-83-9	< 5	5	1
10335	2-Butanone	78-93-3	< 10	10	1
10335	Carbon Disulfide	75-15-0	< 5	5	1
10335	Carbon Tetrachloride	56-23-5	< 5	5	1
10335	Chlorobenzene	108-90-7	< 5	5	1
10335	Chloroethane	75-00-3	< 5	5	1
10335	Chloroform	67-66-3	6	5	1
10335	Chloromethane	74-87-3	< 5	5	1
10335	Dibromochloromethane	124-48-1	< 5	5	1
10335	1,1-Dichloroethane	75-34-3	< 5	5	1
10335	1,2-Dichloroethane	107-06-2	< 5	5	1
10335	1,1-Dichloroethene	75-35-4	< 2	2	1
10335	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10335	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10335	1,2-Dichloropropane	78-87-5	< 5	5	1
10335	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10335	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10335	Ethylbenzene	100-41-4	< 5	5	1
10335	2-Hexanone	591-78-6	< 10	10	1
10335	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10335	Methylene Chloride	75-09-2	< 5	5	1
10335	Styrene	100-42-5	< 5	5	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10335	Tetrachloroethene	127-18-4	< 5	5	1
10335	Toluene	108-88-3	< 5	5	1
10335	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10335	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10335	Trichloroethene	79-01-6	< 5	5	1
10335	Vinyl Chloride	75-01-4	< 2	2	1
10335	Xylene (Total)	1330-20-7	< 5	5	1
GC/MS Volatiles SW-846 8260B SIM			ug/l	ug/l	
00527	1,4-Dioxane	123-91-1	< 2.0	2.0	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/14

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial# Batch#	Analysis Date and Time	Analyst	Dilution Factor
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Sample Description: EB-01 Grab Groundwater
AD-GA/1-0145-04

LL Sample # WW 7283246
LL Group # 1435039
Account # 06556

Project Name: AD-GA/1-0145-04

Collected: 11/17/2013 14:00 by PE

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

Submitted: 11/19/2013 09:10

Reported: 12/05/2013 19:45

E1ADG

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	8260 Ext. Water Master w/GRO	SW-846 8260B	1	Y133241AA	11/20/2013 17:21	Angela D Sneeringer	1
00527	1,4-Dioxane by Isotope Dil SIM	SW-846 8260B SIM	1	E133242AA	11/20/2013 22:46	Kevin A Sposito	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y133241AA	11/20/2013 17:21	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	2	E133242AA	11/20/2013 22:46	Kevin A Sposito	1

Quality Control Summary

Client Name: The Johnson Company, Inc.
Reported: 12/05/13 at 07:45 PM

Group Number: 1435039

<u>Analysis Name</u>	<u>Blank Result</u>	<u>Blank LOQ</u>	<u>Report Units</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>LCS/LCSD Limits</u>	<u>RPD</u>	<u>RPD Max</u>
Tetrachloroethene	< 5	5.	ug/l	101		80-120		
Toluene	< 5	5.	ug/l	99		80-120		
1,1,1-Trichloroethane	< 5	5.	ug/l	88		66-126		
1,1,2-Trichloroethane	< 5	5.	ug/l	98		80-120		
Trichloroethene	< 5	5.	ug/l	103		80-120		
Vinyl Chloride	< 2	2.	ug/l	96		63-120		
Xylene (Total)	< 5	5.	ug/l	97		80-120		

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

<u>Analysis Name</u>	<u>MS %REC</u>	<u>MSD %REC</u>	<u>MS/MSD Limits</u>	<u>RPD</u>	<u>RPD MAX</u>	<u>BKG Conc</u>	<u>DUP Conc</u>	<u>DUP RPD</u>	<u>Dup RPD Max</u>
Batch number: E133241AA	Sample number(s): 7283231-7283232,7283236-7283237 UNSPK: P279164								
1,4-Dioxane	95	93	73-138	1	30				
Batch number: E133242AA	Sample number(s): 7283233-7283235,7283239-7283243,7283245-7283246 UNSPK: 7283233								
1,4-Dioxane	94	91	73-138	4	30				
Batch number: E133272AA	Sample number(s): 7283230,7283238,7283244 UNSPK: P283252								
1,4-Dioxane	102	103	73-138	1	30				
Batch number: Y133241AA	Sample number(s): 7283229-7283246 UNSPK: 7283233								
Acetone	79	78	35-144	1	30				
Benzene	108	106	72-134	3	30				
Bromodichloromethane	96	92	38-137	4	30				
Bromoform	83	79	48-118	5	30				
Bromomethane	94	100	47-129	6	30				
2-Butanone	79	77	53-124	3	30				
Carbon Disulfide	72	71	53-149	1	30				
Carbon Tetrachloride	109	105	72-135	3	30				
Chlorobenzene	110	107	87-124	3	30				
Chloroethane	85	90	51-145	5	30				
Chloroform	110	106	81-134	4	30				
Chloromethane	104	111	50-131	6	30				
Dibromochloromethane	95	91	74-116	4	30				
1,1-Dichloroethane	109	107	84-129	2	30				
1,2-Dichloroethane	106	103	68-131	4	30				
1,1-Dichloroethene	103	102	75-155	1	30				
cis-1,2-Dichloroethene	110	106	80-141	4	30				
trans-1,2-Dichloroethene	109	106	81-142	3	30				
1,2-Dichloropropane	107	104	83-124	3	30				
cis-1,3-Dichloropropene	96	94	70-116	2	30				
trans-1,3-Dichloropropene	87	85	74-119	2	30				
Ethylbenzene	107	104	71-134	2	30				
2-Hexanone	74	73	55-127	2	30				
4-Methyl-2-pentanone	80	78	63-123	2	30				
Methylene Chloride	106	104	78-133	2	30				
Styrene	102	98	78-125	4	30				
1,1,2,2-Tetrachloroethane	91	88	72-128	4	30				
Tetrachloroethene	117	113	80-128	3	30				

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: The Johnson Company, Inc.
Reported: 12/05/13 at 07:45 PM

Group Number: 1435039

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

<u>Analysis Name</u>	<u>MS</u>	<u>MSD</u>	<u>MS/MSD</u>	<u>RPD</u>	<u>RPD</u>	<u>BKG</u>	<u>DUP</u>	<u>DUP</u>	<u>Dup RPD</u>
	<u>%REC</u>	<u>%REC</u>	<u>Limits</u>	<u>RPD</u>	<u>MAX</u>	<u>Conc</u>	<u>Conc</u>	<u>RPD</u>	<u>Max</u>
Toluene	109	105	80-125	3	30				
1,1,1-Trichloroethane	97	93	69-140	4	30				
1,1,2-Trichloroethane	103	99	71-141	4	30				
Trichloroethene	114	109	88-133	4	30				
Vinyl Chloride	111	118	66-133	6	30				
Xylene (Total)	108	104	79-125	3	30				

Surrogate Quality Control

Surrogate recoveries which are outside of the QC window are confirmed unless attributed to dilution or otherwise noted on the Analysis Report.

Analysis Name: 1,4-Dioxane by Isotope Dil SIM
Batch number: E133241AA
Toluene-d8

7283231 97
7283232 97
7283236 97
7283237 97
Blank 97
LCS 98
MS 97
MSD 97

Limits: 80-120

Analysis Name: 1,4-Dioxane by Isotope Dil SIM
Batch number: E133242AA
Toluene-d8

7283233 96
7283234 96
7283235 96
7283239 96
7283240 96
7283241 96
7283242 96
7283243 96
7283245 96
7283246 97
Blank 96
LCS 97
MS 96
MSD 96

Limits: 80-120

Analysis Name: 1,4-Dioxane by Isotope Dil SIM

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: The Johnson Company, Inc.
Reported: 12/05/13 at 07:45 PM

Group Number: 1435039

Surrogate Quality Control

Batch number: E133272AA
Toluene-d8

7283230	97
7283238	96
7283244	96
Blank	97
LCS	97
MS	97
MSD	97

Limits: 80-120

Analysis Name: 8260 Ext. Water Master w/GRO
Batch number: Y133241AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
7283229	100	101	101	95
7283230	102	103	100	94
7283231	103	103	100	95
7283232	102	103	100	94
7283233	103	104	101	94
7283234	101	105	103	99
7283235	100	103	103	101
7283236	100	102	100	94
7283237	102	101	100	94
7283238	102	100	101	94
7283239	102	103	100	93
7283240	103	101	100	93
7283241	103	101	100	93
7283242	104	98	101	96
7283243	104	103	100	92
7283244	103	102	100	93
7283245	103	102	100	92
7283246	104	102	99	92
Blank	100	102	100	95
LCS	98	102	101	99
MS	101	105	103	99
MSD	100	103	103	101

Limits: 80-116 77-113 80-113 78-113

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The unspiked result was more than four times the spike added.

Environmental Analysis Request/Chain of Custody



Lancaster Laboratories Environmental

Acct. # 6556 For Eurofins Lancaster Laboratories Environmental use only
 Group # 1435039 Sample # 7283229-46
Instructions on reverse side correspond with circled numbers.

COC # 340730

1 Client Information				4 Matrix				5 Analysis Requested										For Lab Use Only																				
Client: <u>The Johnson Company, Inc.</u>		Acct. #: <u>06556</u>		Sediment <input type="checkbox"/> Potable <input type="checkbox"/> Ground <input checked="" type="checkbox"/> NPDES <input type="checkbox"/> Surface <input type="checkbox"/> Water <input type="checkbox"/> Other: <u>Lab DI</u>	Soil <input type="checkbox"/>	Total # of Containers <u>8260 Std Water Master</u> <u>1,4-Dioxin by Factory DI/STW</u>	Preservation Codes										FSC: _____	SCR#: _____																				
Project Name/ #: <u>AD-GA / 1-0145-04</u>		PWSID #:					<table border="1" style="width: 100%; height: 100px;"> <tr> <td>H</td><td>H</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> </table>										H	H																			Preservation Codes H=HCl T=Thiosulfate N=HNO ₃ B=NaOH S=H ₂ SO ₄ O=Other	
H	H																																					
Project Manager: <u>Glen Kirkpatrick</u>		P.O. #: <u>1-0145-04</u>		6 Remarks <u>Please use a PQL of 2ug/L for Vinyl Chloride</u>																																		
Sampler: <u>Peter Egolf</u>		Quote #:																																				
Name of state where samples were collected: <u>Georgia</u>				3																																		
2 Sample Identification		Collected		Grab	Composite																																	
		Date	Time																																			
<u>MW-66</u>		<u>11/15/13</u>	<u>0834</u>	<u>X</u>		<u>X</u>		<u>6</u>	<u>3</u>	<u>3</u>																												
<u>MW-63</u>		<u>11/15/13</u>	<u>1004</u>	<u>X</u>		<u>X</u>		<u>6</u>	<u>3</u>	<u>3</u>																												
<u>MW-65D</u>		<u>11/15/13</u>	<u>1315</u>	<u>X</u>		<u>X</u>		<u>6</u>	<u>3</u>	<u>3</u>																												
<u>MW-65S</u>		<u>11/15/13</u>	<u>1315</u>	<u>X</u>		<u>X</u>		<u>6</u>	<u>3</u>	<u>3</u>																												
<u>MW-3</u>		<u>11/15/13</u>	<u>1510</u>	<u>X</u>		<u>X</u>		<u>6</u>	<u>3</u>	<u>3</u>																												
<u>MW-64</u>		<u>11/16/13</u>	<u>1525</u>	<u>X</u>		<u>X</u>		<u>6</u>	<u>3</u>	<u>3</u>																												
<u>MW-5</u>		<u>11/17/13</u>	<u>1315</u>	<u>X</u>		<u>X</u>		<u>6</u>	<u>3</u>	<u>3</u>																												
<u>EB-01</u>		<u>11/17/13</u>	<u>1400</u>	<u>X</u>			<u>X</u>	<u>6</u>	<u>3</u>	<u>3</u>																												

7 Turnaround Time (TAT) Requested (please circle)

Standard Rush
(Rush TAT is subject to laboratory approval and surcharge.)

Date results are needed: _____

E-mail address: GAK@JCOMAIL.COM

Relinquished by <u>[Signature]</u>	Date <u>11/18/13</u>	Time <u>1645</u>	Received by <u>[Signature]</u>	Date	Time	9
Relinquished by	Date	Time	Received by	Date	Time	
Relinquished by	Date	Time	Received by	Date	Time	
Relinquished by	Date	Time	Received by	Date	Time	
Relinquished by	Date	Time	Received by	Date	Time	

8 Data Package Options (circle if required)

Type I (Validation/non-CLP) Type VI (Raw Data Only)

Type III (Reduced non-CLP) TX TRRP-13

Type IV (CLP SOW) MA MCP CT RCP

EDD Required? Yes No
 If yes, format: Excel

Site-Specific QC (MS/MSD/Dup)? Yes No
(If yes, indicate QC sample and submit triplicate sample volume.)

Relinquished by Commercial Carrier:
 UPS FedEx _____ Other _____

Temperature upon receipt 1.4 °C

Environmental Sample Administration
Receipt Documentation Log

1435039

Client/Project: The Johnson Company

Shipping Container Sealed: YES NO

Date of Receipt: 11/19/13

Custody Seal Present * : YES NO

Time of Receipt: 910

* Custody seal was intact unless otherwise noted in the discrepancy section

Source Code: 60-1

Package: Chilled Not Chilled

Temperature of Shipping Containers

Cooler #	Thermometer ID	Temperature (°C)	Temp Bottle (TB) or Surface Temp (ST)	Wet Ice (WI) or Dry Ice (DI) or Ice Packs (IP)	Ice Present? Y/N	Loose (L) Bagged Ice (B) or NA	Comments
1	DT121	1.4	TB	WI	Y	B	
2	↓	1.0	↓	↓	↓	↓	
3	↓	1.6	↓	↓	↓	↓	
4			/				
5							
6							

Number of Trip Blanks received NOT listed on chain of custody: 0

Paperwork Discrepancy/Unpacking Problems:

Unpacker Signature/Emp#: [Signature] 2308 Date/Time: 11/19/13 1240

Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

RL	Reporting Limit	BMQL	Below Minimum Quantitation Level
N.D.	none detected	MPN	Most Probable Number
TNTC	Too Numerous To Count	CP Units	cobalt-chloroplatinate units
IU	International Units	NTU	nephelometric turbidity units
umhos/cm	micromhos/cm	ng	nanogram(s)
C	degrees Celsius	F	degrees Fahrenheit
meq	milliequivalents	lb.	pound(s)
g	gram(s)	kg	kilogram(s)
µg	microgram(s)	mg	milligram(s)
mL	milliliter(s)	L	liter(s)
m3	cubic meter(s)	µL	microliter(s)
		pg/L	picogram/liter

< less than - The number following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably determined using this specific test.

> greater than

ppm parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

Data Qualifiers:

C – result confirmed by reanalysis.

J - estimated value – The result is \geq the Method Detection Limit (MDL) and $<$ the Limit of Quantitation (LOQ).

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers

Inorganic Qualifiers

A	TIC is a possible aldol-condensation product	B	Value is $<$ CRDL, but \geq IDL
B	Analyte was also detected in the blank	E	Estimated due to interference
C	Pesticide result confirmed by GC/MS	M	Duplicate injection precision not met
D	Compound quantitated on a diluted sample	N	Spike sample not within control limits
E	Concentration exceeds the calibration range of the instrument	S	Method of standard additions (MSA) used for calculation
N	Presumptive evidence of a compound (TICs only)	U	Compound was not detected
P	Concentration difference between primary and confirmation columns $>$ 25%	W	Post digestion spike out of control limits
U	Compound was not detected	*	Duplicate analysis not within control limits
X,Y,Z	Defined in case narrative	+	Correlation coefficient for MSA $<$ 0.995

Analytical test results meet all requirements of NELAC unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

Times are local to the area of activity. Parameters listed in the 40 CFR part 136 Table II as “analyze immediately” are not performed within 15 minutes.

WARRANTY AND LIMITS OF LIABILITY - In accepting analytical work, we warrant the accuracy of test results for the sample as submitted. THE FOREGOING EXPRESS WARRANTY IS EXCLUSIVE AND IS GIVEN IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED. WE DISCLAIM ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING A WARRANTY OF FITNESS FOR PARTICULAR PURPOSE AND WARRANTY OF MERCHANTABILITY. IN NO EVENT SHALL EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL, LLC BE LIABLE FOR INDIRECT, SPECIAL, CONSEQUENTIAL, OR INCIDENTAL DAMAGES INCLUDING, BUT NOT LIMITED TO, DAMAGES FOR LOSS OF PROFIT OR GOODWILL REGARDLESS OF (A) THE NEGLIGENCE (EITHER SOLE OR CONCURRENT) OF EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL AND (B) WHETHER EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL HAS BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES. We accept no legal responsibility for the purposes for which the client uses the test results. No purchase order or other order for work shall be accepted by Eurofins Lancaster Laboratories Environmental which includes any conditions that vary from the Standard Terms and Conditions, and Eurofins Lancaster Laboratories Environmental hereby objects to any conflicting terms contained in any acceptance or order submitted by client.

ANALYTICAL RESULTS

Prepared by:

Eurofins Lancaster Laboratories Environmental
2425 New Holland Pike
Lancaster, PA 17601

Prepared for:

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

November 25, 2013

Project: AD-GA/1-0145-04

Submittal Date: 11/19/2013

Group Number: 1435040

PO Number: 1-0145-04

State of Sample Origin: GA

Client Sample Description

<u>Client Sample Description</u>	<u>Lancaster Labs (LL) #</u>
SW-TB Water	7283247
SW-DS-5 Grab Surface Water	7283248
SW-DS-2 Grab Surface Water	7283249
SW-DS-1 Grab Surface Water	7283250
SW-0 Grab Surface Water	7283251
SW-1 Grab Surface Water	7283252
SW-1 MS Grab Surface Water	7283253
SW-1 MSD Grab Surface Water	7283254
SW-2 Grab Surface Water	7283255
SW-3 Grab Surface Water	7283256
SW-4 Grab Surface Water	7283257
SW-DUP Grab Surface Water	7283258
SW-5 Grab Surface Water	7283259
SW-6 Grab Surface Water	7283260

The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Sample Analysis Record.

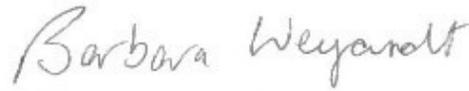
ELECTRONIC The Johnson Company, Inc.
COPY TO

Attn: Glen Kirkpatrick

ELECTRONIC The Johnson Company, Inc.
COPY TO

Attn: Tristan Hardy

Respectfully Submitted,



Barbara A. Weyandt
Specialist

(717) 556-7264

Sample Description: SW-TB Water
AD-GA/1-0145-04

LL Sample # WW 7283247
LL Group # 1435040
Account # 06556

Project Name: AD-GA/1-0145-04

Collected: 11/18/2013

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

Submitted: 11/19/2013 09:10
Reported: 11/25/2013 20:27

SWTB1

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles	SW-846 8260B	ug/l	ug/l	
10335	Acetone	67-64-1	< 20	20	1
10335	Benzene	71-43-2	< 5	5	1
10335	Bromodichloromethane	75-27-4	< 5	5	1
10335	Bromoform	75-25-2	< 5	5	1
10335	Bromomethane	74-83-9	< 5	5	1
10335	2-Butanone	78-93-3	< 10	10	1
10335	Carbon Disulfide	75-15-0	< 5	5	1
10335	Carbon Tetrachloride	56-23-5	< 5	5	1
10335	Chlorobenzene	108-90-7	< 5	5	1
10335	Chloroethane	75-00-3	< 5	5	1
10335	Chloroform	67-66-3	< 5	5	1
10335	Chloromethane	74-87-3	< 5	5	1
10335	Dibromochloromethane	124-48-1	< 5	5	1
10335	1,1-Dichloroethane	75-34-3	< 5	5	1
10335	1,2-Dichloroethane	107-06-2	< 5	5	1
10335	1,1-Dichloroethene	75-35-4	< 2	2	1
10335	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10335	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10335	1,2-Dichloropropane	78-87-5	< 5	5	1
10335	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10335	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10335	Ethylbenzene	100-41-4	< 5	5	1
10335	2-Hexanone	591-78-6	< 10	10	1
10335	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10335	Methylene Chloride	75-09-2	< 5	5	1
10335	Styrene	100-42-5	< 5	5	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10335	Tetrachloroethene	127-18-4	< 5	5	1
10335	Toluene	108-88-3	< 5	5	1
10335	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10335	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10335	Trichloroethene	79-01-6	< 5	5	1
10335	Vinyl Chloride	75-01-4	< 2	2	1
10335	Xylene (Total)	1330-20-7	< 5	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/14

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	8260 Ext. Water Master w/GRO	SW-846 8260B	1	Y133241AA	11/20/2013 11:03	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y133241AA	11/20/2013 11:03	Angela D Sneeringer	1

Sample Description: SW-DS-5 Grab Surface Water
AD-GA/1-0145-04

LL Sample # WW 7283248
LL Group # 1435040
Account # 06556

Project Name: AD-GA/1-0145-04

Collected: 11/18/2013 08:40 by PE

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

Submitted: 11/19/2013 09:10
Reported: 11/25/2013 20:27

SWDS5

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles SW-846 8260B			ug/l	ug/l	
10335	Acetone	67-64-1	< 20	20	1
10335	Benzene	71-43-2	< 5	5	1
10335	Bromodichloromethane	75-27-4	< 5	5	1
10335	Bromoform	75-25-2	< 5	5	1
10335	Bromomethane	74-83-9	< 5	5	1
10335	2-Butanone	78-93-3	< 10	10	1
10335	Carbon Disulfide	75-15-0	< 5	5	1
10335	Carbon Tetrachloride	56-23-5	< 5	5	1
10335	Chlorobenzene	108-90-7	< 5	5	1
10335	Chloroethane	75-00-3	< 5	5	1
10335	Chloroform	67-66-3	< 5	5	1
10335	Chloromethane	74-87-3	< 5	5	1
10335	Dibromochloromethane	124-48-1	< 5	5	1
10335	1,1-Dichloroethane	75-34-3	< 5	5	1
10335	1,2-Dichloroethane	107-06-2	< 5	5	1
10335	1,1-Dichloroethene	75-35-4	3	2	1
10335	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10335	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10335	1,2-Dichloropropane	78-87-5	< 5	5	1
10335	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10335	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10335	Ethylbenzene	100-41-4	< 5	5	1
10335	2-Hexanone	591-78-6	< 10	10	1
10335	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10335	Methylene Chloride	75-09-2	< 5	5	1
10335	Styrene	100-42-5	< 5	5	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10335	Tetrachloroethene	127-18-4	< 5	5	1
10335	Toluene	108-88-3	< 5	5	1
10335	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10335	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10335	Trichloroethene	79-01-6	< 5	5	1
10335	Vinyl Chloride	75-01-4	< 2	2	1
10335	Xylene (Total)	1330-20-7	< 5	5	1
GC/MS Volatiles SW-846 8260B SIM			ug/l	ug/l	
00527	1,4-Dioxane	123-91-1	< 2.0	2.0	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/14

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial# Batch#	Analysis Date and Time	Analyst	Dilution Factor
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Sample Description: SW-DS-5 Grab Surface Water
AD-GA/1-0145-04

LL Sample # WW 7283248
LL Group # 1435040
Account # 06556

Project Name: AD-GA/1-0145-04

Collected: 11/18/2013 08:40 by PE

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

Submitted: 11/19/2013 09:10

Reported: 11/25/2013 20:27

SWDS5

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	8260 Ext. Water Master w/GRO	SW-846 8260B	1	Y133241AA	11/20/2013 17:42	Angela D Sneeringer	1
00527	1,4-Dioxane by Isotope Dil SIM	SW-846 8260B SIM	1	E133242AA	11/21/2013 01:51	Kevin A Sposito	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y133241AA	11/20/2013 17:42	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	2	E133242AA	11/21/2013 01:51	Kevin A Sposito	1

Sample Description: SW-DS-2 Grab Surface Water
AD-GA/1-0145-04

LL Sample # WW 7283249
LL Group # 1435040
Account # 06556

Project Name: AD-GA/1-0145-04

Collected: 11/18/2013 08:55 by PE

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

Submitted: 11/19/2013 09:10

Reported: 11/25/2013 20:27

SWDS2

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles SW-846 8260B			ug/l	ug/l	
10335	Acetone	67-64-1	< 20	20	1
10335	Benzene	71-43-2	< 5	5	1
10335	Bromodichloromethane	75-27-4	< 5	5	1
10335	Bromoform	75-25-2	< 5	5	1
10335	Bromomethane	74-83-9	< 5	5	1
10335	2-Butanone	78-93-3	< 10	10	1
10335	Carbon Disulfide	75-15-0	< 5	5	1
10335	Carbon Tetrachloride	56-23-5	< 5	5	1
10335	Chlorobenzene	108-90-7	< 5	5	1
10335	Chloroethane	75-00-3	< 5	5	1
10335	Chloroform	67-66-3	< 5	5	1
10335	Chloromethane	74-87-3	< 5	5	1
10335	Dibromochloromethane	124-48-1	< 5	5	1
10335	1,1-Dichloroethane	75-34-3	< 5	5	1
10335	1,2-Dichloroethane	107-06-2	< 5	5	1
10335	1,1-Dichloroethene	75-35-4	3	2	1
10335	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10335	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10335	1,2-Dichloropropane	78-87-5	< 5	5	1
10335	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10335	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10335	Ethylbenzene	100-41-4	< 5	5	1
10335	2-Hexanone	591-78-6	< 10	10	1
10335	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10335	Methylene Chloride	75-09-2	< 5	5	1
10335	Styrene	100-42-5	< 5	5	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10335	Tetrachloroethene	127-18-4	< 5	5	1
10335	Toluene	108-88-3	< 5	5	1
10335	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10335	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10335	Trichloroethene	79-01-6	< 5	5	1
10335	Vinyl Chloride	75-01-4	< 2	2	1
10335	Xylene (Total)	1330-20-7	< 5	5	1
GC/MS Volatiles SW-846 8260B SIM			ug/l	ug/l	
00527	1,4-Dioxane	123-91-1	< 2.0	2.0	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/14

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial# Batch#	Analysis Date and Time	Analyst	Dilution Factor
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Sample Description: SW-DS-2 Grab Surface Water
AD-GA/1-0145-04

LL Sample # WW 7283249
LL Group # 1435040
Account # 06556

Project Name: AD-GA/1-0145-04

Collected: 11/18/2013 08:55 by PE

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

Submitted: 11/19/2013 09:10

Reported: 11/25/2013 20:27

SWDS2

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	8260 Ext. Water Master w/GRO	SW-846 8260B	1	Y133241AA	11/20/2013 18:03	Angela D Sneeringer	1
00527	1,4-Dioxane by Isotope Dil SIM	SW-846 8260B SIM	1	E133242AA	11/21/2013 02:12	Kevin A Sposito	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y133241AA	11/20/2013 18:03	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	2	E133242AA	11/21/2013 02:12	Kevin A Sposito	1

Sample Description: SW-DS-1 Grab Surface Water
AD-GA/1-0145-04

LL Sample # WW 7283250
LL Group # 1435040
Account # 06556

Project Name: AD-GA/1-0145-04

Collected: 11/18/2013 09:08 by PE

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

Submitted: 11/19/2013 09:10

Reported: 11/25/2013 20:27

SWDS1

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles	SW-846 8260B	ug/l	ug/l	
10335	Acetone	67-64-1	< 20	20	1
10335	Benzene	71-43-2	< 5	5	1
10335	Bromodichloromethane	75-27-4	< 5	5	1
10335	Bromoform	75-25-2	< 5	5	1
10335	Bromomethane	74-83-9	< 5	5	1
10335	2-Butanone	78-93-3	< 10	10	1
10335	Carbon Disulfide	75-15-0	< 5	5	1
10335	Carbon Tetrachloride	56-23-5	< 5	5	1
10335	Chlorobenzene	108-90-7	< 5	5	1
10335	Chloroethane	75-00-3	< 5	5	1
10335	Chloroform	67-66-3	< 5	5	1
10335	Chloromethane	74-87-3	< 5	5	1
10335	Dibromochloromethane	124-48-1	< 5	5	1
10335	1,1-Dichloroethane	75-34-3	< 5	5	1
10335	1,2-Dichloroethane	107-06-2	< 5	5	1
10335	1,1-Dichloroethene	75-35-4	3	2	1
10335	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10335	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10335	1,2-Dichloropropane	78-87-5	< 5	5	1
10335	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10335	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10335	Ethylbenzene	100-41-4	< 5	5	1
10335	2-Hexanone	591-78-6	< 10	10	1
10335	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10335	Methylene Chloride	75-09-2	< 5	5	1
10335	Styrene	100-42-5	< 5	5	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10335	Tetrachloroethene	127-18-4	< 5	5	1
10335	Toluene	108-88-3	< 5	5	1
10335	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10335	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10335	Trichloroethene	79-01-6	< 5	5	1
10335	Vinyl Chloride	75-01-4	< 2	2	1
10335	Xylene (Total)	1330-20-7	< 5	5	1
GC/MS	Volatiles	SW-846 8260B SIM	ug/l	ug/l	
00527	1,4-Dioxane	123-91-1	< 2.0	2.0	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/14

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial# Batch#	Analysis Date and Time	Analyst	Dilution Factor
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Sample Description: SW-DS-1 Grab Surface Water
AD-GA/1-0145-04

LL Sample # WW 7283250
LL Group # 1435040
Account # 06556

Project Name: AD-GA/1-0145-04

Collected: 11/18/2013 09:08 by PE

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

Submitted: 11/19/2013 09:10

Reported: 11/25/2013 20:27

SWDS1

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	8260 Ext. Water Master w/GRO	SW-846 8260B	1	Y133241AA	11/20/2013 18:24	Angela D Sneeringer	1
00527	1,4-Dioxane by Isotope Dil SIM	SW-846 8260B SIM	1	E133242AA	11/21/2013 02:53	Kevin A Sposito	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y133241AA	11/20/2013 18:24	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	2	E133242AA	11/21/2013 02:53	Kevin A Sposito	1

Sample Description: SW-0 Grab Surface Water
AD-GA/1-0145-04

LL Sample # WW 7283251
LL Group # 1435040
Account # 06556

Project Name: AD-GA/1-0145-04

Collected: 11/18/2013 09:18 by PE

The Johnson Company, Inc.

Submitted: 11/19/2013 09:10

Suite 600

Reported: 11/25/2013 20:27

100 State Street

Montpelier VT 05602

SW0AD

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles SW-846 8260B			ug/l	ug/l	
10335	Acetone	67-64-1	< 20	20	1
10335	Benzene	71-43-2	< 5	5	1
10335	Bromodichloromethane	75-27-4	< 5	5	1
10335	Bromoform	75-25-2	< 5	5	1
10335	Bromomethane	74-83-9	< 5	5	1
10335	2-Butanone	78-93-3	< 10	10	1
10335	Carbon Disulfide	75-15-0	< 5	5	1
10335	Carbon Tetrachloride	56-23-5	< 5	5	1
10335	Chlorobenzene	108-90-7	< 5	5	1
10335	Chloroethane	75-00-3	< 5	5	1
10335	Chloroform	67-66-3	< 5	5	1
10335	Chloromethane	74-87-3	< 5	5	1
10335	Dibromochloromethane	124-48-1	< 5	5	1
10335	1,1-Dichloroethane	75-34-3	< 5	5	1
10335	1,2-Dichloroethane	107-06-2	< 5	5	1
10335	1,1-Dichloroethene	75-35-4	3	2	1
10335	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10335	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10335	1,2-Dichloropropane	78-87-5	< 5	5	1
10335	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10335	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10335	Ethylbenzene	100-41-4	< 5	5	1
10335	2-Hexanone	591-78-6	< 10	10	1
10335	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10335	Methylene Chloride	75-09-2	< 5	5	1
10335	Styrene	100-42-5	< 5	5	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10335	Tetrachloroethene	127-18-4	< 5	5	1
10335	Toluene	108-88-3	< 5	5	1
10335	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10335	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10335	Trichloroethene	79-01-6	< 5	5	1
10335	Vinyl Chloride	75-01-4	< 2	2	1
10335	Xylene (Total)	1330-20-7	< 5	5	1
GC/MS Volatiles SW-846 8260B SIM			ug/l	ug/l	
00527	1,4-Dioxane	123-91-1	< 2.0	2.0	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/14

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial# Batch#	Analysis Date and Time	Analyst	Dilution Factor
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Sample Description: SW-0 Grab Surface Water
AD-GA/1-0145-04

LL Sample # WW 7283251
LL Group # 1435040
Account # 06556

Project Name: AD-GA/1-0145-04

Collected: 11/18/2013 09:18 by PE

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

Submitted: 11/19/2013 09:10

Reported: 11/25/2013 20:27

SW0AD

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	8260 Ext. Water Master w/GRO	SW-846 8260B	1	Y133241AA	11/20/2013 18:46	Angela D Sneeringer	1
00527	1,4-Dioxane by Isotope Dil SIM	SW-846 8260B SIM	1	E133242AA	11/21/2013 02:32	Kevin A Sposito	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y133241AA	11/20/2013 18:46	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	2	E133242AA	11/21/2013 02:32	Kevin A Sposito	1

Sample Description: SW-1 Grab Surface Water
AD-GA/1-0145-04

LL Sample # WW 7283252
LL Group # 1435040
Account # 06556

Project Name: AD-GA/1-0145-04

Collected: 11/18/2013 09:35 by PE

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

Submitted: 11/19/2013 09:10
Reported: 11/25/2013 20:27

SW1AD

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles SW-846 8260B			ug/l	ug/l	
10335	Acetone	67-64-1	< 20	20	1
10335	Benzene	71-43-2	< 5	5	1
10335	Bromodichloromethane	75-27-4	< 5	5	1
10335	Bromoform	75-25-2	< 5	5	1
10335	Bromomethane	74-83-9	< 5	5	1
10335	2-Butanone	78-93-3	< 10	10	1
10335	Carbon Disulfide	75-15-0	< 5	5	1
10335	Carbon Tetrachloride	56-23-5	< 5	5	1
10335	Chlorobenzene	108-90-7	< 5	5	1
10335	Chloroethane	75-00-3	< 5	5	1
10335	Chloroform	67-66-3	< 5	5	1
10335	Chloromethane	74-87-3	< 5	5	1
10335	Dibromochloromethane	124-48-1	< 5	5	1
10335	1,1-Dichloroethane	75-34-3	< 5	5	1
10335	1,2-Dichloroethane	107-06-2	< 5	5	1
10335	1,1-Dichloroethene	75-35-4	4	2	1
10335	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10335	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10335	1,2-Dichloropropane	78-87-5	< 5	5	1
10335	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10335	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10335	Ethylbenzene	100-41-4	< 5	5	1
10335	2-Hexanone	591-78-6	< 10	10	1
10335	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10335	Methylene Chloride	75-09-2	< 5	5	1
10335	Styrene	100-42-5	< 5	5	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10335	Tetrachloroethene	127-18-4	< 5	5	1
10335	Toluene	108-88-3	< 5	5	1
10335	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10335	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10335	Trichloroethene	79-01-6	< 5	5	1
10335	Vinyl Chloride	75-01-4	< 2	2	1
10335	Xylene (Total)	1330-20-7	< 5	5	1
GC/MS Volatiles SW-846 8260B SIM			ug/l	ug/l	
00527	1,4-Dioxane	123-91-1	< 2.0	2.0	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/14

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial# Batch#	Analysis Date and Time	Analyst	Dilution Factor
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Sample Description: SW-1 Grab Surface Water
AD-GA/1-0145-04

LL Sample # WW 7283252
LL Group # 1435040
Account # 06556

Project Name: AD-GA/1-0145-04

Collected: 11/18/2013 09:35 by PE

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

Submitted: 11/19/2013 09:10

Reported: 11/25/2013 20:27

SW1AD

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	8260 Ext. Water Master w/GRO	SW-846 8260B	1	T133252AA	11/21/2013 10:54	Linda C Pape	1
00527	1,4-Dioxane by Isotope Dil SIM	SW-846 8260B SIM	1	E133272AA	11/23/2013 14:00	Jason M Long	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	T133252AA	11/21/2013 10:54	Linda C Pape	1
01163	GC/MS VOA Water Prep	SW-846 5030B	2	E133272AA	11/23/2013 14:00	Jason M Long	1

Sample Description: SW-1 MS Grab Surface Water
AD-GA/1-0145-04

LL Sample # WW 7283253
LL Group # 1435040
Account # 06556

Project Name: AD-GA/1-0145-04

Collected: 11/18/2013 09:35 by PE

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

Submitted: 11/19/2013 09:10

Reported: 11/25/2013 20:27

SW1AD

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles	SW-846 8260B	ug/l	ug/l	
10335	Acetone	67-64-1	150	20	1
10335	Benzene	71-43-2	23	5	1
10335	Bromodichloromethane	75-27-4	21	5	1
10335	Bromoform	75-25-2	17	5	1
10335	Bromomethane	74-83-9	23	5	1
10335	2-Butanone	78-93-3	190	10	1
10335	Carbon Disulfide	75-15-0	22	5	1
10335	Carbon Tetrachloride	56-23-5	23	5	1
10335	Chlorobenzene	108-90-7	21	5	1
10335	Chloroethane	75-00-3	23	5	1
10335	Chloroform	67-66-3	23	5	1
10335	Chloromethane	74-87-3	22	5	1
10335	Dibromochloromethane	124-48-1	19	5	1
10335	1,1-Dichloroethane	75-34-3	25	5	1
10335	1,2-Dichloroethane	107-06-2	26	5	1
10335	1,1-Dichloroethene	75-35-4	26	2	1
10335	cis-1,2-Dichloroethene	156-59-2	20	5	1
10335	trans-1,2-Dichloroethene	156-60-5	22	5	1
10335	1,2-Dichloropropane	78-87-5	23	5	1
10335	cis-1,3-Dichloropropene	10061-01-5	22	5	1
10335	trans-1,3-Dichloropropene	10061-02-6	21	5	1
10335	Ethylbenzene	100-41-4	24	5	1
10335	2-Hexanone	591-78-6	120	10	1
10335	4-Methyl-2-pentanone	108-10-1	120	10	1
10335	Methylene Chloride	75-09-2	21	5	1
10335	Styrene	100-42-5	20	5	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	22	5	1
10335	Tetrachloroethene	127-18-4	20	5	1
10335	Toluene	108-88-3	21	5	1
10335	1,1,1-Trichloroethane	71-55-6	23	5	1
10335	1,1,2-Trichloroethane	79-00-5	21	5	1
10335	Trichloroethene	79-01-6	21	5	1
10335	Vinyl Chloride	75-01-4	23	2	1
10335	Xylene (Total)	1330-20-7	62	5	1
GC/MS	Volatiles	SW-846 8260B SIM	ug/l	ug/l	
00527	1,4-Dioxane	123-91-1	5.1	2.0	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/14

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial# Batch#	Analysis Date and Time	Analyst	Dilution Factor
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Sample Description: SW-1 MS Grab Surface Water
AD-GA/1-0145-04

LL Sample # WW 7283253
LL Group # 1435040
Account # 06556

Project Name: AD-GA/1-0145-04

Collected: 11/18/2013 09:35 by PE

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

Submitted: 11/19/2013 09:10

Reported: 11/25/2013 20:27

SW1AD

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	8260 Ext. Water Master w/GRO	SW-846 8260B	1	T133252AA	11/21/2013 11:18	Linda C Pape	1
00527	1,4-Dioxane by Isotope Dil SIM	SW-846 8260B SIM	1	E133272AA	11/23/2013 14:20	Jason M Long	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	T133252AA	11/21/2013 11:18	Linda C Pape	1
01163	GC/MS VOA Water Prep	SW-846 5030B	2	E133272AA	11/23/2013 14:20	Jason M Long	1

Sample Description: SW-1 MSD Grab Surface Water
AD-GA/1-0145-04

LL Sample # WW 7283254
LL Group # 1435040
Account # 06556

Project Name: AD-GA/1-0145-04

Collected: 11/18/2013 09:35 by PE

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

Submitted: 11/19/2013 09:10
Reported: 11/25/2013 20:27

SW1AD

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles	SW-846 8260B	ug/l	ug/l	
10335	Acetone	67-64-1	140	20	1
10335	Benzene	71-43-2	22	5	1
10335	Bromodichloromethane	75-27-4	20	5	1
10335	Bromoform	75-25-2	16	5	1
10335	Bromomethane	74-83-9	21	5	1
10335	2-Butanone	78-93-3	180	10	1
10335	Carbon Disulfide	75-15-0	21	5	1
10335	Carbon Tetrachloride	56-23-5	21	5	1
10335	Chlorobenzene	108-90-7	20	5	1
10335	Chloroethane	75-00-3	22	5	1
10335	Chloroform	67-66-3	22	5	1
10335	Chloromethane	74-87-3	22	5	1
10335	Dibromochloromethane	124-48-1	18	5	1
10335	1,1-Dichloroethane	75-34-3	24	5	1
10335	1,2-Dichloroethane	107-06-2	25	5	1
10335	1,1-Dichloroethene	75-35-4	26	2	1
10335	cis-1,2-Dichloroethene	156-59-2	20	5	1
10335	trans-1,2-Dichloroethene	156-60-5	21	5	1
10335	1,2-Dichloropropane	78-87-5	22	5	1
10335	cis-1,3-Dichloropropene	10061-01-5	21	5	1
10335	trans-1,3-Dichloropropene	10061-02-6	20	5	1
10335	Ethylbenzene	100-41-4	22	5	1
10335	2-Hexanone	591-78-6	110	10	1
10335	4-Methyl-2-pentanone	108-10-1	110	10	1
10335	Methylene Chloride	75-09-2	20	5	1
10335	Styrene	100-42-5	20	5	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	22	5	1
10335	Tetrachloroethene	127-18-4	19	5	1
10335	Toluene	108-88-3	21	5	1
10335	1,1,1-Trichloroethane	71-55-6	21	5	1
10335	1,1,2-Trichloroethane	79-00-5	20	5	1
10335	Trichloroethene	79-01-6	20	5	1
10335	Vinyl Chloride	75-01-4	22	2	1
10335	Xylene (Total)	1330-20-7	59	5	1
GC/MS	Volatiles	SW-846 8260B SIM	ug/l	ug/l	
00527	1,4-Dioxane	123-91-1	5.2	2.0	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/14

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial# Batch#	Analysis Date and Time	Analyst	Dilution Factor
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Sample Description: SW-1 MSD Grab Surface Water
AD-GA/1-0145-04

LL Sample # WW 7283254
LL Group # 1435040
Account # 06556

Project Name: AD-GA/1-0145-04

Collected: 11/18/2013 09:35 by PE

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

Submitted: 11/19/2013 09:10

Reported: 11/25/2013 20:27

SW1AD

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	8260 Ext. Water Master w/GRO	SW-846 8260B	1	T133252AA	11/21/2013 11:42	Linda C Pape	1
00527	1,4-Dioxane by Isotope Dil SIM	SW-846 8260B SIM	1	E133272AA	11/23/2013 14:41	Jason M Long	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	T133252AA	11/21/2013 11:42	Linda C Pape	1
01163	GC/MS VOA Water Prep	SW-846 5030B	2	E133272AA	11/23/2013 14:41	Jason M Long	1

Sample Description: SW-2 Grab Surface Water
AD-GA/1-0145-04

LL Sample # WW 7283255
LL Group # 1435040
Account # 06556

Project Name: AD-GA/1-0145-04

Collected: 11/18/2013 10:25 by PE

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

Submitted: 11/19/2013 09:10
Reported: 11/25/2013 20:27

SW2AD

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles SW-846 8260B			ug/l	ug/l	
10335	Acetone	67-64-1	< 20	20	1
10335	Benzene	71-43-2	< 5	5	1
10335	Bromodichloromethane	75-27-4	< 5	5	1
10335	Bromoform	75-25-2	< 5	5	1
10335	Bromomethane	74-83-9	< 5	5	1
10335	2-Butanone	78-93-3	< 10	10	1
10335	Carbon Disulfide	75-15-0	< 5	5	1
10335	Carbon Tetrachloride	56-23-5	< 5	5	1
10335	Chlorobenzene	108-90-7	< 5	5	1
10335	Chloroethane	75-00-3	< 5	5	1
10335	Chloroform	67-66-3	< 5	5	1
10335	Chloromethane	74-87-3	< 5	5	1
10335	Dibromochloromethane	124-48-1	< 5	5	1
10335	1,1-Dichloroethane	75-34-3	< 5	5	1
10335	1,2-Dichloroethane	107-06-2	< 5	5	1
10335	1,1-Dichloroethene	75-35-4	5	2	1
10335	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10335	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10335	1,2-Dichloropropane	78-87-5	< 5	5	1
10335	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10335	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10335	Ethylbenzene	100-41-4	< 5	5	1
10335	2-Hexanone	591-78-6	< 10	10	1
10335	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10335	Methylene Chloride	75-09-2	< 5	5	1
10335	Styrene	100-42-5	< 5	5	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10335	Tetrachloroethene	127-18-4	< 5	5	1
10335	Toluene	108-88-3	< 5	5	1
10335	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10335	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10335	Trichloroethene	79-01-6	< 5	5	1
10335	Vinyl Chloride	75-01-4	< 2	2	1
10335	Xylene (Total)	1330-20-7	< 5	5	1
GC/MS Volatiles SW-846 8260B SIM			ug/l	ug/l	
00527	1,4-Dioxane	123-91-1	< 2.0	2.0	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/14

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial# Batch#	Analysis Date and Time	Analyst	Dilution Factor
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Sample Description: SW-2 Grab Surface Water
AD-GA/1-0145-04

LL Sample # WW 7283255
LL Group # 1435040
Account # 06556

Project Name: AD-GA/1-0145-04

Collected: 11/18/2013 10:25 by PE

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

Submitted: 11/19/2013 09:10

Reported: 11/25/2013 20:27

SW2AD

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	8260 Ext. Water Master w/GRO	SW-846 8260B	1	T133252AA	11/21/2013 12:06	Linda C Pape	1
00527	1,4-Dioxane by Isotope Dil SIM	SW-846 8260B SIM	1	E133272AA	11/23/2013 15:22	Jason M Long	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	T133252AA	11/21/2013 12:06	Linda C Pape	1
01163	GC/MS VOA Water Prep	SW-846 5030B	2	E133272AA	11/23/2013 15:22	Jason M Long	1

Sample Description: SW-3 Grab Surface Water
AD-GA/1-0145-04

LL Sample # WW 7283256
LL Group # 1435040
Account # 06556

Project Name: AD-GA/1-0145-04

Collected: 11/18/2013 10:36 by PE

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

Submitted: 11/19/2013 09:10
Reported: 11/25/2013 20:27

SW3AD

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles SW-846 8260B			ug/l	ug/l	
10335	Acetone	67-64-1	< 20	20	1
10335	Benzene	71-43-2	< 5	5	1
10335	Bromodichloromethane	75-27-4	< 5	5	1
10335	Bromoform	75-25-2	< 5	5	1
10335	Bromomethane	74-83-9	< 5	5	1
10335	2-Butanone	78-93-3	< 10	10	1
10335	Carbon Disulfide	75-15-0	< 5	5	1
10335	Carbon Tetrachloride	56-23-5	< 5	5	1
10335	Chlorobenzene	108-90-7	< 5	5	1
10335	Chloroethane	75-00-3	< 5	5	1
10335	Chloroform	67-66-3	< 5	5	1
10335	Chloromethane	74-87-3	< 5	5	1
10335	Dibromochloromethane	124-48-1	< 5	5	1
10335	1,1-Dichloroethane	75-34-3	< 5	5	1
10335	1,2-Dichloroethane	107-06-2	< 5	5	1
10335	1,1-Dichloroethene	75-35-4	4	2	1
10335	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10335	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10335	1,2-Dichloropropane	78-87-5	< 5	5	1
10335	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10335	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10335	Ethylbenzene	100-41-4	< 5	5	1
10335	2-Hexanone	591-78-6	< 10	10	1
10335	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10335	Methylene Chloride	75-09-2	< 5	5	1
10335	Styrene	100-42-5	< 5	5	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10335	Tetrachloroethene	127-18-4	< 5	5	1
10335	Toluene	108-88-3	< 5	5	1
10335	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10335	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10335	Trichloroethene	79-01-6	< 5	5	1
10335	Vinyl Chloride	75-01-4	< 2	2	1
10335	Xylene (Total)	1330-20-7	< 5	5	1
GC/MS Volatiles SW-846 8260B SIM			ug/l	ug/l	
00527	1,4-Dioxane	123-91-1	< 2.0	2.0	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/14

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial# Batch#	Analysis Date and Time	Analyst	Dilution Factor
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Sample Description: SW-3 Grab Surface Water
AD-GA/1-0145-04

LL Sample # WW 7283256
LL Group # 1435040
Account # 06556

Project Name: AD-GA/1-0145-04

Collected: 11/18/2013 10:36 by PE

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

Submitted: 11/19/2013 09:10

Reported: 11/25/2013 20:27

SW3AD

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	8260 Ext. Water Master w/GRO	SW-846 8260B	1	T133252AA	11/21/2013 12:30	Linda C Pape	1
00527	1,4-Dioxane by Isotope Dil SIM	SW-846 8260B SIM	1	E133272AA	11/23/2013 15:42	Jason M Long	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	T133252AA	11/21/2013 12:30	Linda C Pape	1
01163	GC/MS VOA Water Prep	SW-846 5030B	2	E133272AA	11/23/2013 15:42	Jason M Long	1

Sample Description: SW-4 Grab Surface Water
AD-GA/1-0145-04

LL Sample # WW 7283257
LL Group # 1435040
Account # 06556

Project Name: AD-GA/1-0145-04

Collected: 11/18/2013 10:55 by PE

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

Submitted: 11/19/2013 09:10
Reported: 11/25/2013 20:27

SW4AD

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles SW-846 8260B			ug/l	ug/l	
10335	Acetone	67-64-1	< 20	20	1
10335	Benzene	71-43-2	< 5	5	1
10335	Bromodichloromethane	75-27-4	< 5	5	1
10335	Bromoform	75-25-2	< 5	5	1
10335	Bromomethane	74-83-9	< 5	5	1
10335	2-Butanone	78-93-3	< 10	10	1
10335	Carbon Disulfide	75-15-0	< 5	5	1
10335	Carbon Tetrachloride	56-23-5	< 5	5	1
10335	Chlorobenzene	108-90-7	< 5	5	1
10335	Chloroethane	75-00-3	< 5	5	1
10335	Chloroform	67-66-3	< 5	5	1
10335	Chloromethane	74-87-3	< 5	5	1
10335	Dibromochloromethane	124-48-1	< 5	5	1
10335	1,1-Dichloroethane	75-34-3	< 5	5	1
10335	1,2-Dichloroethane	107-06-2	< 5	5	1
10335	1,1-Dichloroethene	75-35-4	< 2	2	1
10335	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10335	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10335	1,2-Dichloropropane	78-87-5	< 5	5	1
10335	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10335	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10335	Ethylbenzene	100-41-4	< 5	5	1
10335	2-Hexanone	591-78-6	< 10	10	1
10335	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10335	Methylene Chloride	75-09-2	< 5	5	1
10335	Styrene	100-42-5	< 5	5	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10335	Tetrachloroethene	127-18-4	< 5	5	1
10335	Toluene	108-88-3	< 5	5	1
10335	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10335	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10335	Trichloroethene	79-01-6	< 5	5	1
10335	Vinyl Chloride	75-01-4	< 2	2	1
10335	Xylene (Total)	1330-20-7	< 5	5	1
GC/MS Volatiles SW-846 8260B SIM			ug/l	ug/l	
00527	1,4-Dioxane	123-91-1	< 2.0	2.0	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/14

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial# Batch#	Analysis Date and Time	Analyst	Dilution Factor
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Sample Description: SW-4 Grab Surface Water
AD-GA/1-0145-04

LL Sample # WW 7283257
LL Group # 1435040
Account # 06556

Project Name: AD-GA/1-0145-04

Collected: 11/18/2013 10:55 by PE

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

Submitted: 11/19/2013 09:10

Reported: 11/25/2013 20:27

SW4AD

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	8260 Ext. Water Master w/GRO	SW-846 8260B	1	T133252AA	11/21/2013 12:53	Linda C Pape	1
00527	1,4-Dioxane by Isotope Dil SIM	SW-846 8260B SIM	1	E133272AA	11/23/2013 16:44	Jason M Long	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	T133252AA	11/21/2013 12:53	Linda C Pape	1
01163	GC/MS VOA Water Prep	SW-846 5030B	2	E133272AA	11/23/2013 16:44	Jason M Long	1

Sample Description: SW-DUP Grab Surface Water
AD-GA/1-0145-04

LL Sample # WW 7283258
LL Group # 1435040
Account # 06556

Project Name: AD-GA/1-0145-04

Collected: 11/18/2013 08:00 by PE

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

Submitted: 11/19/2013 09:10
Reported: 11/25/2013 20:27

SWDUP

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles SW-846 8260B			ug/l	ug/l	
10335	Acetone	67-64-1	< 20	20	1
10335	Benzene	71-43-2	< 5	5	1
10335	Bromodichloromethane	75-27-4	< 5	5	1
10335	Bromoform	75-25-2	< 5	5	1
10335	Bromomethane	74-83-9	< 5	5	1
10335	2-Butanone	78-93-3	< 10	10	1
10335	Carbon Disulfide	75-15-0	< 5	5	1
10335	Carbon Tetrachloride	56-23-5	< 5	5	1
10335	Chlorobenzene	108-90-7	< 5	5	1
10335	Chloroethane	75-00-3	< 5	5	1
10335	Chloroform	67-66-3	< 5	5	1
10335	Chloromethane	74-87-3	< 5	5	1
10335	Dibromochloromethane	124-48-1	< 5	5	1
10335	1,1-Dichloroethane	75-34-3	< 5	5	1
10335	1,2-Dichloroethane	107-06-2	< 5	5	1
10335	1,1-Dichloroethene	75-35-4	3	2	1
10335	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10335	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10335	1,2-Dichloropropane	78-87-5	< 5	5	1
10335	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10335	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10335	Ethylbenzene	100-41-4	< 5	5	1
10335	2-Hexanone	591-78-6	< 10	10	1
10335	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10335	Methylene Chloride	75-09-2	< 5	5	1
10335	Styrene	100-42-5	< 5	5	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10335	Tetrachloroethene	127-18-4	< 5	5	1
10335	Toluene	108-88-3	< 5	5	1
10335	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10335	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10335	Trichloroethene	79-01-6	< 5	5	1
10335	Vinyl Chloride	75-01-4	< 2	2	1
10335	Xylene (Total)	1330-20-7	< 5	5	1
GC/MS Volatiles SW-846 8260B SIM			ug/l	ug/l	
00527	1,4-Dioxane	123-91-1	< 2.0	2.0	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/14

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial# Batch#	Analysis Date and Time	Analyst	Dilution Factor
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Sample Description: SW-DUP Grab Surface Water
AD-GA/1-0145-04

LL Sample # WW 7283258
LL Group # 1435040
Account # 06556

Project Name: AD-GA/1-0145-04

Collected: 11/18/2013 08:00 by PE

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

Submitted: 11/19/2013 09:10

Reported: 11/25/2013 20:27

SWDUP

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	8260 Ext. Water Master w/GRO	SW-846 8260B	1	T133252AA	11/21/2013 13:17	Linda C Pape	1
00527	1,4-Dioxane by Isotope Dil SIM	SW-846 8260B SIM	1	E133272AA	11/23/2013 17:04	Jason M Long	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	T133252AA	11/21/2013 13:17	Linda C Pape	1
01163	GC/MS VOA Water Prep	SW-846 5030B	2	E133272AA	11/23/2013 17:04	Jason M Long	1

Sample Description: SW-5 Grab Surface Water
AD-GA/1-0145-04

LL Sample # WW 7283259
LL Group # 1435040
Account # 06556

Project Name: AD-GA/1-0145-04

Collected: 11/18/2013 11:07 by PE

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

Submitted: 11/19/2013 09:10
Reported: 11/25/2013 20:27

SW5AD

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles SW-846 8260B			ug/l	ug/l	
10335	Acetone	67-64-1	< 20	20	1
10335	Benzene	71-43-2	< 5	5	1
10335	Bromodichloromethane	75-27-4	< 5	5	1
10335	Bromoform	75-25-2	< 5	5	1
10335	Bromomethane	74-83-9	< 5	5	1
10335	2-Butanone	78-93-3	< 10	10	1
10335	Carbon Disulfide	75-15-0	< 5	5	1
10335	Carbon Tetrachloride	56-23-5	< 5	5	1
10335	Chlorobenzene	108-90-7	< 5	5	1
10335	Chloroethane	75-00-3	< 5	5	1
10335	Chloroform	67-66-3	< 5	5	1
10335	Chloromethane	74-87-3	< 5	5	1
10335	Dibromochloromethane	124-48-1	< 5	5	1
10335	1,1-Dichloroethane	75-34-3	< 5	5	1
10335	1,2-Dichloroethane	107-06-2	< 5	5	1
10335	1,1-Dichloroethene	75-35-4	< 2	2	1
10335	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10335	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10335	1,2-Dichloropropane	78-87-5	< 5	5	1
10335	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10335	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10335	Ethylbenzene	100-41-4	< 5	5	1
10335	2-Hexanone	591-78-6	< 10	10	1
10335	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10335	Methylene Chloride	75-09-2	< 5	5	1
10335	Styrene	100-42-5	< 5	5	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10335	Tetrachloroethene	127-18-4	< 5	5	1
10335	Toluene	108-88-3	< 5	5	1
10335	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10335	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10335	Trichloroethene	79-01-6	< 5	5	1
10335	Vinyl Chloride	75-01-4	< 2	2	1
10335	Xylene (Total)	1330-20-7	< 5	5	1
GC/MS Volatiles SW-846 8260B SIM			ug/l	ug/l	
00527	1,4-Dioxane	123-91-1	< 2.0	2.0	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/14

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial# Batch#	Analysis Date and Time	Analyst	Dilution Factor
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Sample Description: SW-5 Grab Surface Water
AD-GA/1-0145-04

LL Sample # WW 7283259
LL Group # 1435040
Account # 06556

Project Name: AD-GA/1-0145-04

Collected: 11/18/2013 11:07 by PE

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

Submitted: 11/19/2013 09:10

Reported: 11/25/2013 20:27

SW5AD

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	8260 Ext. Water Master w/GRO	SW-846 8260B	1	T133252AA	11/21/2013 13:41	Linda C Pape	1
00527	1,4-Dioxane by Isotope Dil SIM	SW-846 8260B SIM	1	E133272AA	11/23/2013 16:03	Jason M Long	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	T133252AA	11/21/2013 13:41	Linda C Pape	1
01163	GC/MS VOA Water Prep	SW-846 5030B	2	E133272AA	11/23/2013 16:03	Jason M Long	1

Sample Description: SW-6 Grab Surface Water
AD-GA/1-0145-04

LL Sample # WW 7283260
LL Group # 1435040
Account # 06556

Project Name: AD-GA/1-0145-04

Collected: 11/18/2013 11:22 by PE

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

Submitted: 11/19/2013 09:10
Reported: 11/25/2013 20:27

SW6AD

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles SW-846 8260B			ug/l	ug/l	
10335	Acetone	67-64-1	< 20	20	1
10335	Benzene	71-43-2	< 5	5	1
10335	Bromodichloromethane	75-27-4	< 5	5	1
10335	Bromoform	75-25-2	< 5	5	1
10335	Bromomethane	74-83-9	< 5	5	1
10335	2-Butanone	78-93-3	< 10	10	1
10335	Carbon Disulfide	75-15-0	< 5	5	1
10335	Carbon Tetrachloride	56-23-5	< 5	5	1
10335	Chlorobenzene	108-90-7	< 5	5	1
10335	Chloroethane	75-00-3	< 5	5	1
10335	Chloroform	67-66-3	< 5	5	1
10335	Chloromethane	74-87-3	< 5	5	1
10335	Dibromochloromethane	124-48-1	< 5	5	1
10335	1,1-Dichloroethane	75-34-3	< 5	5	1
10335	1,2-Dichloroethane	107-06-2	< 5	5	1
10335	1,1-Dichloroethene	75-35-4	< 2	2	1
10335	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10335	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10335	1,2-Dichloropropane	78-87-5	< 5	5	1
10335	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10335	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10335	Ethylbenzene	100-41-4	< 5	5	1
10335	2-Hexanone	591-78-6	< 10	10	1
10335	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10335	Methylene Chloride	75-09-2	< 5	5	1
10335	Styrene	100-42-5	< 5	5	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10335	Tetrachloroethene	127-18-4	< 5	5	1
10335	Toluene	108-88-3	< 5	5	1
10335	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10335	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10335	Trichloroethene	79-01-6	< 5	5	1
10335	Vinyl Chloride	75-01-4	< 2	2	1
10335	Xylene (Total)	1330-20-7	< 5	5	1
GC/MS Volatiles SW-846 8260B SIM			ug/l	ug/l	
00527	1,4-Dioxane	123-91-1	< 2.0	2.0	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/14

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial# Batch#	Analysis Date and Time	Analyst	Dilution Factor
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Sample Description: SW-6 Grab Surface Water
AD-GA/1-0145-04

LL Sample # WW 7283260
LL Group # 1435040
Account # 06556

Project Name: AD-GA/1-0145-04

Collected: 11/18/2013 11:22 by PE

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

Submitted: 11/19/2013 09:10

Reported: 11/25/2013 20:27

SW6AD

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	8260 Ext. Water Master w/GRO	SW-846 8260B	1	T133252AA	11/21/2013 14:05	Linda C Pape	1
00527	1,4-Dioxane by Isotope Dil SIM	SW-846 8260B SIM	1	E133272AA	11/23/2013 16:23	Jason M Long	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	T133252AA	11/21/2013 14:05	Linda C Pape	1
01163	GC/MS VOA Water Prep	SW-846 5030B	2	E133272AA	11/23/2013 16:23	Jason M Long	1

Quality Control Summary

Client Name: The Johnson Company, Inc.
Reported: 11/25/13 at 08:27 PM

Group Number: 1435040

Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

All Inorganic Initial Calibration and Continuing Calibration Blanks met acceptable method criteria unless otherwise noted on the Analysis Report.

Laboratory Compliance Quality Control

<u>Analysis Name</u>	<u>Blank Result</u>	<u>Blank LOQ</u>	<u>Report Units</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>LCS/LCSD Limits</u>	<u>RPD</u>	<u>RPD Max</u>
Batch number: E133242AA 1,4-Dioxane	Sample number(s): 7283248-7283251 < 2.0	2.0	ug/l	99		80-123		
Batch number: E133272AA 1,4-Dioxane	Sample number(s): 7283252-7283260 < 2.0	2.0	ug/l	99		80-123		
Batch number: T133252AA	Sample number(s): 7283252-7283260							
Acetone	< 20	20.	ug/l	94		38-157		
Benzene	< 5	5.	ug/l	101		78-120		
Bromodichloromethane	< 5	5.	ug/l	93		73-120		
Bromoform	< 5	5.	ug/l	81		61-120		
Bromomethane	< 5	5.	ug/l	95		51-120		
2-Butanone	< 10	10.	ug/l	125		58-126		
Carbon Disulfide	< 5	5.	ug/l	83		58-126		
Carbon Tetrachloride	< 5	5.	ug/l	90		74-130		
Chlorobenzene	< 5	5.	ug/l	93		80-120		
Chloroethane	< 5	5.	ug/l	97		45-120		
Chloroform	< 5	5.	ug/l	104		77-122		
Chloromethane	< 5	5.	ug/l	98		55-120		
Dibromochloromethane	< 5	5.	ug/l	83		72-120		
1,1-Dichloroethane	< 5	5.	ug/l	107		80-120		
1,2-Dichloroethane	< 5	5.	ug/l	120		71-130		
1,1-Dichloroethene	< 2	2.	ug/l	84		76-124		
cis-1,2-Dichloroethene	< 5	5.	ug/l	89		80-120		
trans-1,2-Dichloroethene	< 5	5.	ug/l	90		80-120		
1,2-Dichloropropane	< 5	5.	ug/l	104		80-120		
cis-1,3-Dichloropropene	< 5	5.	ug/l	100		80-120		
trans-1,3-Dichloropropene	< 5	5.	ug/l	95		69-120		
Ethylbenzene	< 5	5.	ug/l	102		79-120		
2-Hexanone	< 10	10.	ug/l	115		59-125		
4-Methyl-2-pentanone	< 10	10.	ug/l	118		59-120		
Methylene Chloride	< 5	5.	ug/l	92		80-120		
Styrene	< 5	5.	ug/l	91		80-120		
1,1,2,2-Tetrachloroethane	< 5	5.	ug/l	109		70-120		
Tetrachloroethene	< 5	5.	ug/l	85		80-120		
Toluene	< 5	5.	ug/l	94		80-120		
1,1,1-Trichloroethane	< 5	5.	ug/l	91		66-126		
1,1,2-Trichloroethane	< 5	5.	ug/l	96		80-120		
Trichloroethene	< 5	5.	ug/l	92		80-120		
Vinyl Chloride	< 2	2.	ug/l	96		63-120		
Xylene (Total)	< 5	5.	ug/l	91		80-120		
Batch number: Y133241AA Acetone	Sample number(s): 7283247-7283251 < 20	20.	ug/l	81		38-157		

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: The Johnson Company, Inc.
Reported: 11/25/13 at 08:27 PM

Group Number: 1435040

<u>Analysis Name</u>	<u>Blank Result</u>	<u>Blank LOQ</u>	<u>Report Units</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>LCS/LCSD Limits</u>	<u>RPD</u>	<u>RPD Max</u>
Benzene	< 5	5.	ug/l	102		78-120		
Bromodichloromethane	< 5	5.	ug/l	90		73-120		
Bromoform	< 5	5.	ug/l	81		61-120		
Bromomethane	< 5	5.	ug/l	82		51-120		
2-Butanone	< 10	10.	ug/l	81		58-126		
Carbon Disulfide	< 5	5.	ug/l	87		58-126		
Carbon Tetrachloride	< 5	5.	ug/l	97		74-130		
Chlorobenzene	< 5	5.	ug/l	100		80-120		
Chloroethane	< 5	5.	ug/l	74		45-120		
Chloroform	< 5	5.	ug/l	102		77-122		
Chloromethane	< 5	5.	ug/l	99		55-120		
Dibromochloromethane	< 5	5.	ug/l	90		72-120		
1,1-Dichloroethane	< 5	5.	ug/l	103		80-120		
1,2-Dichloroethane	< 5	5.	ug/l	102		71-130		
1,1-Dichloroethene	< 2	2.	ug/l	107		76-124		
cis-1,2-Dichloroethene	< 5	5.	ug/l	103		80-120		
trans-1,2-Dichloroethene	< 5	5.	ug/l	104		80-120		
1,2-Dichloropropane	< 5	5.	ug/l	101		80-120		
cis-1,3-Dichloropropene	< 5	5.	ug/l	93		80-120		
trans-1,3-Dichloropropene	< 5	5.	ug/l	83		69-120		
Ethylbenzene	< 5	5.	ug/l	96		79-120		
2-Hexanone	< 10	10.	ug/l	76		59-125		
4-Methyl-2-pentanone	< 10	10.	ug/l	81		59-120		
Methylene Chloride	< 5	5.	ug/l	104		80-120		
Styrene	< 5	5.	ug/l	93		80-120		
1,1,2,2-Tetrachloroethane	< 5	5.	ug/l	90		70-120		
Tetrachloroethene	< 5	5.	ug/l	101		80-120		
Toluene	< 5	5.	ug/l	99		80-120		
1,1,1-Trichloroethane	< 5	5.	ug/l	88		66-126		
1,1,2-Trichloroethane	< 5	5.	ug/l	98		80-120		
Trichloroethene	< 5	5.	ug/l	103		80-120		
Vinyl Chloride	< 2	2.	ug/l	96		63-120		
Xylene (Total)	< 5	5.	ug/l	97		80-120		

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

<u>Analysis Name</u>	<u>MS %REC</u>	<u>MSD %REC</u>	<u>MS/MSD Limits</u>	<u>RPD</u>	<u>RPD MAX</u>	<u>BKG Conc</u>	<u>DUP Conc</u>	<u>DUP RPD</u>	<u>Dup RPD Max</u>
Batch number: E133242AA	Sample number(s): 7283248-7283251 UNSPK: P283233								
1,4-Dioxane	94	91	73-138	4	30				
Batch number: E133272AA	Sample number(s): 7283252-7283260 UNSPK: 7283252								
1,4-Dioxane	102	103	73-138	1	30				
Batch number: T133252AA	Sample number(s): 7283252-7283260 UNSPK: 7283252								
Acetone	97	93	35-144	4	30				
Benzene	114	112	72-134	2	30				
Bromodichloromethane	103	98	38-137	5	30				
Bromoform	83	82	48-118	1	30				
Bromomethane	113	106	47-129	6	30				

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: The Johnson Company, Inc.
Reported: 11/25/13 at 08:27 PM

Group Number: 1435040

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

<u>Analysis Name</u>	<u>MS</u> <u>%REC</u>	<u>MSD</u> <u>%REC</u>	<u>MS/MSD</u> <u>Limits</u>	<u>RPD</u> <u>RPD</u>	<u>RPD</u> <u>MAX</u>	<u>BKG</u> <u>Conc</u>	<u>DUP</u> <u>Conc</u>	<u>DUP</u> <u>RPD</u>	<u>Dup RPD</u> <u>Max</u>
2-Butanone	125*	119	53-124	5	30				
Carbon Disulfide	111	106	53-149	5	30				
Carbon Tetrachloride	113	107	72-135	6	30				
Chlorobenzene	107	99	87-124	8	30				
Chloroethane	114	109	51-145	5	30				
Chloroform	116	112	81-134	3	30				
Chloromethane	111	110	50-131	1	30				
Dibromochloromethane	93	91	74-116	2	30				
1,1-Dichloroethane	126	119	84-129	5	30				
1,2-Dichloroethane	131	123	68-131	6	30				
1,1-Dichloroethene	112	109	75-155	3	30				
cis-1,2-Dichloroethene	101	98	80-141	4	30				
trans-1,2-Dichloroethene	111	106	81-142	5	30				
1,2-Dichloropropane	114	111	83-124	2	30				
cis-1,3-Dichloropropene	112	106	70-116	6	30				
trans-1,3-Dichloropropene	103	99	74-119	4	30				
Ethylbenzene	119	110	71-134	8	30				
2-Hexanone	120	112	55-127	8	30				
4-Methyl-2-pentanone	119	114	63-123	4	30				
Methylene Chloride	104	102	78-133	2	30				
Styrene	102	100	78-125	3	30				
1,1,2,2-Tetrachloroethane	109	112	72-128	2	30				
Tetrachloroethene	99	97	80-128	2	30				
Toluene	107	106	80-125	1	30				
1,1,1-Trichloroethane	110	101	69-140	8	30				
1,1,2-Trichloroethane	106	101	71-141	5	30				
Trichloroethene	106	101	88-133	5	30				
Vinyl Chloride	115	111	66-133	3	30				
Xylene (Total)	104	99	79-125	5	30				

Batch number: Y133241AA	Sample number(s): 7283247-7283251 UNSPK: P283233								
Acetone	79	78	35-144	1	30				
Benzene	108	106	72-134	3	30				
Bromodichloromethane	96	92	38-137	4	30				
Bromoform	83	79	48-118	5	30				
Bromomethane	94	100	47-129	6	30				
2-Butanone	79	77	53-124	3	30				
Carbon Disulfide	72	71	53-149	1	30				
Carbon Tetrachloride	109	105	72-135	3	30				
Chlorobenzene	110	107	87-124	3	30				
Chloroethane	85	90	51-145	5	30				
Chloroform	110	106	81-134	4	30				
Chloromethane	104	111	50-131	6	30				
Dibromochloromethane	95	91	74-116	4	30				
1,1-Dichloroethane	109	107	84-129	2	30				
1,2-Dichloroethane	106	103	68-131	4	30				
1,1-Dichloroethene	103	102	75-155	1	30				
cis-1,2-Dichloroethene	110	106	80-141	4	30				
trans-1,2-Dichloroethene	109	106	81-142	3	30				
1,2-Dichloropropane	107	104	83-124	3	30				
cis-1,3-Dichloropropene	96	94	70-116	2	30				
trans-1,3-Dichloropropene	87	85	74-119	2	30				

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: The Johnson Company, Inc.
Reported: 11/25/13 at 08:27 PM

Group Number: 1435040

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

<u>Analysis Name</u>	<u>MS</u> <u>%REC</u>	<u>MSD</u> <u>%REC</u>	<u>MS/MSD</u> <u>Limits</u>	<u>RPD</u> <u>RPD</u>	<u>RPD</u> <u>MAX</u>	<u>BKG</u> <u>Conc</u>	<u>DUP</u> <u>Conc</u>	<u>DUP</u> <u>RPD</u>	<u>Dup RPD</u> <u>Max</u>
Ethylbenzene	107	104	71-134	2	30				
2-Hexanone	74	73	55-127	2	30				
4-Methyl-2-pentanone	80	78	63-123	2	30				
Methylene Chloride	106	104	78-133	2	30				
Styrene	102	98	78-125	4	30				
1,1,2,2-Tetrachloroethane	91	88	72-128	4	30				
Tetrachloroethene	117	113	80-128	3	30				
Toluene	109	105	80-125	3	30				
1,1,1-Trichloroethane	97	93	69-140	4	30				
1,1,2-Trichloroethane	103	99	71-141	4	30				
Trichloroethene	114	109	88-133	4	30				
Vinyl Chloride	111	118	66-133	6	30				
Xylene (Total)	108	104	79-125	3	30				

Surrogate Quality Control

Surrogate recoveries which are outside of the QC window are confirmed unless attributed to dilution or otherwise noted on the Analysis Report.

Analysis Name: 1,4-Dioxane by Isotope Dil SIM
Batch number: E133242AA
Toluene-d8

7283248	96
7283249	96
7283250	96
7283251	96
Blank	96
LCS	97
MS	96
MSD	96

Limits: 80-120

Analysis Name: 1,4-Dioxane by Isotope Dil SIM
Batch number: E133272AA
Toluene-d8

7283252	96
7283253	97
7283254	97
7283255	97
7283256	97
7283257	97
7283258	97
7283259	97
7283260	96
Blank	97
LCS	97

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: The Johnson Company, Inc.
Reported: 11/25/13 at 08:27 PM

Group Number: 1435040

Surrogate Quality Control

MS 97
MSD 97

Limits: 80-120

Analysis Name: 8260 Ext. Water Master w/GRO
Batch number: T133252AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
7283252	101	99	103	97
7283253	101	99	105	104
7283254	99	98	102	99
7283255	99	98	105	99
7283256	103	99	104	97
7283257	100	97	104	98
7283258	101	95	105	95
7283259	100	96	104	94
7283260	102	98	103	96
Blank	99	94	104	95
LCS	99	98	102	99
MS	101	99	105	104
MSD	99	98	102	99

Limits: 80-116 77-113 80-113 78-113

Analysis Name: 8260 Ext. Water Master w/GRO
Batch number: Y133241AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
7283247	101	103	101	95
7283248	104	105	100	92
7283249	104	103	100	93
7283250	104	104	100	93
7283251	104	103	100	93
Blank	100	102	100	95
LCS	98	102	101	99
MS	101	105	103	99
MSD	100	103	103	101

Limits: 80-116 77-113 80-113 78-113

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The unspiked result was more than four times the spike added.

Environmental Analysis Request/Chain of Custody



Lancaster Laboratories

Acct. # 06556 For Eurofins Lancaster Laboratories use only
 Group # 1435040 Sample # 7283247-60
 Instructions on reverse side correspond with circled numbers.

COC # 315041

1 Client Information				4 Matrix				5 Analysis Requested								For Lab Use Only			
Client: <u>The Johnson Company, Inc.</u>		Acct. #: <u>06556</u>		Sediment <input type="checkbox"/> Potable <input type="checkbox"/> Ground <input checked="" type="checkbox"/> Water <input type="checkbox"/> NPDES <input type="checkbox"/> Surface <input checked="" type="checkbox"/> Other: <u>LAB DIR</u>	Soil <input type="checkbox"/> Water <input type="checkbox"/>	Total # of Containers <u>8260 Std Water Master</u> <u>1.4 Duplicate Analytical for Fertilizer D.I. SEM</u> <u>MS/MSD</u>	Preservation Codes								FSC: _____				
Project Name#: <u>AD-GA/1-0145-04</u>		PWSID #:					H	H									SCR#: _____		
Project Manager: <u>Glen Kirkpatrick</u>		P.O. #: <u>1-0145-04</u>																Preservation Codes H=HCl T=Thiosulfate N=HNO ₃ B=NaOH S=H ₂ SO ₄ O=Other	
Sampler: <u>Peter Egolf</u>		Quote #:																	
Name of state where samples were collected: <u>Georgia</u>				3												6 Remarks <u>Please use a PQL of 2ug/L for Vinyl Chloride</u>			
2 Sample Identification		Collected		Grab	Composite														
Date	Time																		
<u>SW-TB</u>	<u>11/18/13</u>	<u>-</u>																	
<u>SW-DS-5</u>	<u>11/18/13</u>	<u>0840</u>	<u>X</u>			<u>X</u>				<u>6</u>	<u>3</u>	<u>3</u>							
<u>SW-DS-2</u>	<u>11/18/13</u>	<u>0855</u>	<u>X</u>			<u>X</u>				<u>6</u>	<u>3</u>	<u>3</u>							
<u>SW-DS-1</u>	<u>11/18/13</u>	<u>0908</u>	<u>X</u>			<u>X</u>				<u>6</u>	<u>3</u>	<u>3</u>							
<u>SW-0</u>	<u>11/18/13</u>	<u>0918</u>	<u>X</u>			<u>X</u>				<u>6</u>	<u>3</u>	<u>3</u>							
<u>SW-1</u>	<u>11/18/13</u>	<u>0935</u>	<u>X</u>			<u>X</u>				<u>18</u>	<u>9</u>	<u>9</u>	<u>X</u>		<u>MS/MSD</u>				
<u>SW-2</u>	<u>11/18/13</u>	<u>1025</u>	<u>X</u>			<u>X</u>				<u>6</u>	<u>3</u>	<u>3</u>							
<u>SW-3</u>	<u>11/18/13</u>	<u>1036</u>	<u>X</u>			<u>X</u>				<u>6</u>	<u>3</u>	<u>3</u>							
<u>SW-4</u>	<u>11/18/13</u>	<u>1055</u>	<u>X</u>			<u>X</u>				<u>6</u>	<u>3</u>	<u>3</u>							
<u>SW-DUP</u>	<u>11/18/13</u>	<u>0800</u>	<u>X</u>			<u>X</u>				<u>6</u>	<u>3</u>	<u>3</u>							

7 Turnaround Time (TAT) Requested (please circle)				Relinquished by <u>[Signature]</u>		Date	Time	Received by		Date	Time	9
(Standard) <u>Standard</u> Rush (Rush TAT is subject to Lancaster Laboratories approval and surcharge.)						<u>11/18/13</u>	<u>1645</u>					
Date results are needed: _____				Relinquished by		Date	Time	Received by		Date	Time	
E-mail address: <u>GAK@JCOMAIL.COM</u>				Relinquished by		Date	Time	Received by		Date	Time	
8 Data Package Options (circle if required)				Relinquished by		Date	Time	Received by		Date	Time	
Type I (Validation/non-CLP)		Type VI (Raw Data Only)								<u>11/19/13</u>	<u>910</u>	
Type III (Reduced non-CLP)		TX TRRP-13		EDD Required? <u>Yes</u> No		If yes, format: <u>Excel</u>		Relinquished by Commercial Carrier:				
Type IV (CLP SOW)		MA MCP CT RCP				Site-Specific QC (MS/MSD/Dup)? <u>Yes</u> No		UPS <u>X</u> FedEx _____ Other _____		Temperature upon receipt <u>1.6</u> °C		

Environmental Analysis Request/Chain of Custody



Lancaster Laboratories Environmental

For Eurofins Lancaster Laboratories Environmental use only
 Acct. # 0550 Group # 1435040 Sample # 7283247-00
Instructions on reverse side correspond with circled numbers.

COC # 340727

1 Client Information				4 Matrix				5 Analysis Requested										For Lab Use Only																															
Client: <u>The Johnson Company, Inc.</u>		Acct. #: <u>06556</u>		<input type="checkbox"/> Sediment <input type="checkbox"/> Potable <input type="checkbox"/> Ground <input type="checkbox"/> Water <input type="checkbox"/> NPDES <input checked="" type="checkbox"/> Surface <input type="checkbox"/> Other:	Total # of Containers <u>8260 Std Water Master</u> <u>1.4-Dioxin by Feekop 0.1 SIM</u>	Preservation Codes										FSC: _____																																	
Project Name/ #: <u>AD-GA/1-0145-04</u>		PWSID #: _____				<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>#</th><th>#</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th> </tr> <tr> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> </table>										#	#																															SCR#: _____	
#	#																																																
Project Manager: <u>Glen Kirkpatrick</u>		P.O. #: <u>1-0145-04</u>												Preservation Codes H=HCl T=Thiosulfate N=HNO ₃ B=NaOH S=H ₂ SO ₄ O=Other																																			
Sampler: <u>Peter Egolf</u>		Quote #: _____												6 Remarks																																			
Name of state where samples were collected: <u>Georgia</u>																																																	
2 Sample Identification		3 Collected		Grab	Composite	Soil	Water	Other:	Total # of Containers																																								
Date	Time																																																
<u>SW-5</u>	<u>11/18/13</u>	<u>1107</u>	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>		<u>6</u>	<u>3</u>	<u>3</u>																																						
<u>SW-6</u>	<u>11/18/13</u>	<u>1122</u>	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>		<u>6</u>	<u>3</u>	<u>3</u>																																						
7 Turnaround Time (TAT) Requested (please circle)				Relinquished by <u>[Signature]</u>		Date <u>11/18/13</u>	Time <u>1645</u>	Received by _____		Date _____	Time _____	9																																					
(Standard) Rush (Rush TAT is subject to laboratory approval and surcharge.)				Relinquished by _____		Date _____	Time _____	Received by _____		Date _____	Time _____																																						
Date results are needed: _____				Relinquished by _____		Date _____	Time _____	Received by _____		Date _____	Time _____																																						
E-mail address: <u>GAK@JCO.MAIL.COM</u>				Relinquished by _____		Date _____	Time _____	Received by _____		Date _____	Time _____																																						
8 Data Package Options (circle if required)				Relinquished by _____		Date _____	Time _____	Received by _____		Date <u>11/19/13</u>	Time <u>910</u>																																						
Type I (Validation/non-CLP)		Type VI (Raw Data Only)		EDD Required? <u>Yes</u> No				Relinquished by Commercial Carrier:																																									
Type III (Reduced non-CLP)		TX TRRP-13		If yes, format: <u>Excel</u>				UPS <input checked="" type="checkbox"/> FedEx _____ Other _____																																									
Type IV (CLP SOW)		MA MCP CT RCP		Site-Specific QC (MS/MSD/Dup)? <u>Yes</u> No				Temperature upon receipt <u>1.6</u> °C																																									
(If yes, indicate QC sample and submit triplicate sample volume.)																																																	

Environmental Sample Administration
Receipt Documentation Log

1435040

Client/Project: The Johnson Company

Shipping Container Sealed: YES NO

Date of Receipt: 11/19/13

Custody Seal Present * : YES NO

Time of Receipt: 910

* Custody seal was intact unless otherwise noted in the discrepancy section

Source Code: 60-1

Package: Chilled Not Chilled

Temperature of Shipping Containers							
Cooler #	Thermometer ID	Temperature (°C)	Temp Bottle (TB) or Surface Temp (ST)	Wet Ice (WI) or Dry Ice (DI) or Ice Packs (IP)	Ice Present? Y/N	Loose (L) Bagged Ice (B) or NA	Comments
1	DT121	1.4	TB	WI	Y	B	
2	↓	1.0	↓	↓	↓	↓	
3	↓	1.6	↓	↓	↓	↓	
4							
5							
6							

Number of Trip Blanks received NOT listed on chain of custody: 0

Paperwork Discrepancy/Unpacking Problems:

Unpacker Signature/Emp#: [Signature] 2308 Date/Time: 11/19/13 1240

Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

RL	Reporting Limit	BMQL	Below Minimum Quantitation Level
N.D.	none detected	MPN	Most Probable Number
TNTC	Too Numerous To Count	CP Units	cobalt-chloroplatinate units
IU	International Units	NTU	nephelometric turbidity units
umhos/cm	micromhos/cm	ng	nanogram(s)
C	degrees Celsius	F	degrees Fahrenheit
meq	milliequivalents	lb.	pound(s)
g	gram(s)	kg	kilogram(s)
µg	microgram(s)	mg	milligram(s)
mL	milliliter(s)	L	liter(s)
m³	cubic meter(s)	µL	microliter(s)
		pg/L	picogram/liter

< less than - The number following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably determined using this specific test.

> greater than

ppm parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

Data Qualifiers:

C – result confirmed by reanalysis.

J - estimated value – The result is \geq the Method Detection Limit (MDL) and $<$ the Limit of Quantitation (LOQ).

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers

- A** TIC is a possible aldol-condensation product
- B** Analyte was also detected in the blank
- C** Pesticide result confirmed by GC/MS
- D** Compound quantitated on a diluted sample
- E** Concentration exceeds the calibration range of the instrument
- N** Presumptive evidence of a compound (TICs only)
- P** Concentration difference between primary and confirmation columns $>25\%$
- U** Compound was not detected
- X,Y,Z** Defined in case narrative

Inorganic Qualifiers

- B** Value is $<$ CRDL, but \geq IDL
- E** Estimated due to interference
- M** Duplicate injection precision not met
- N** Spike sample not within control limits
- S** Method of standard additions (MSA) used for calculation
- U** Compound was not detected
- W** Post digestion spike out of control limits
- *** Duplicate analysis not within control limits
- +** Correlation coefficient for MSA <0.995

Analytical test results meet all requirements of NELAC unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

Times are local to the area of activity. Parameters listed in the 40 CFR part 136 Table II as “analyze immediately” are not performed within 15 minutes.

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APPENDIX C

Photographs of MPE System Components

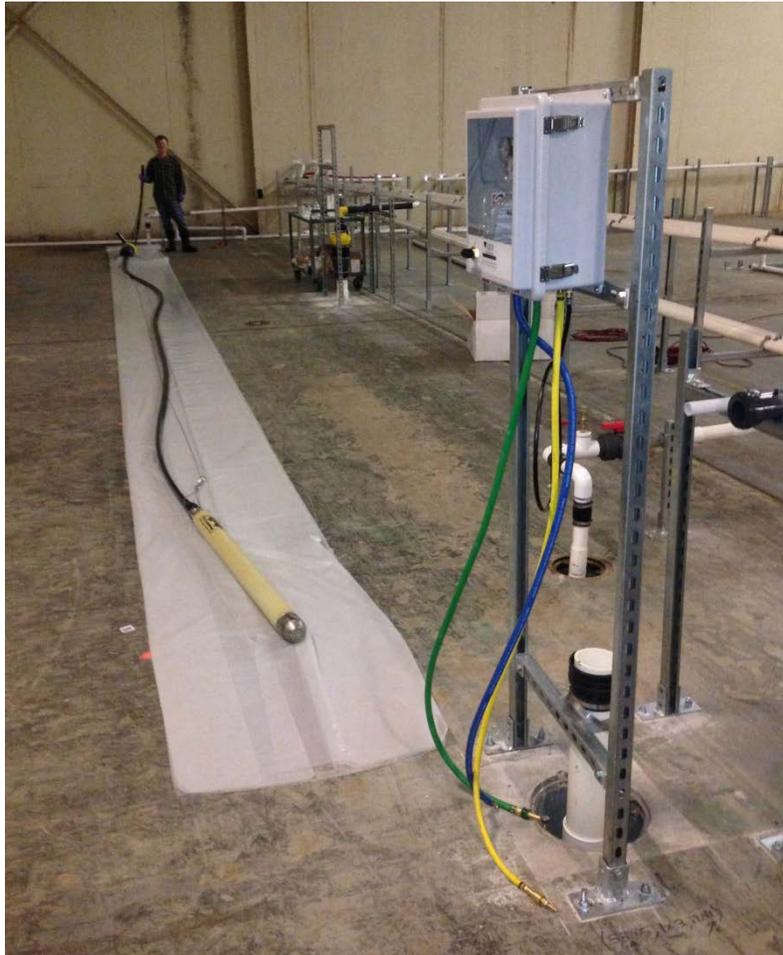


Photo C-1: AutoPump installation at MP-1 with MP-8 installation in the background.



Photo C-2: AutoPump pneumatic submersible pump.

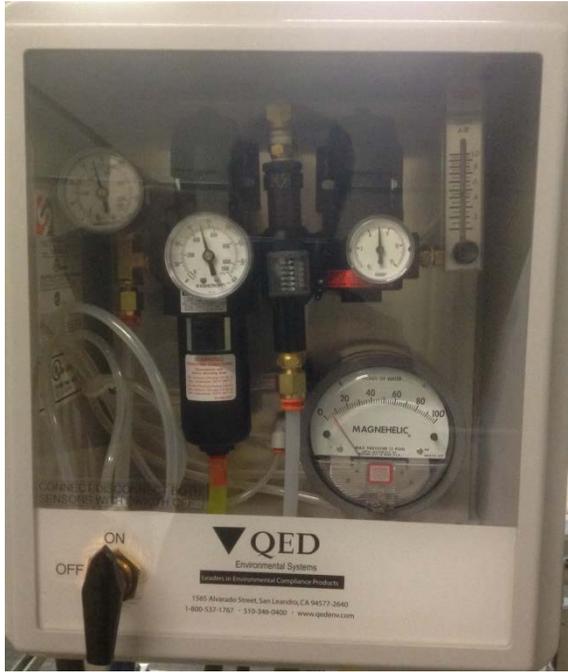
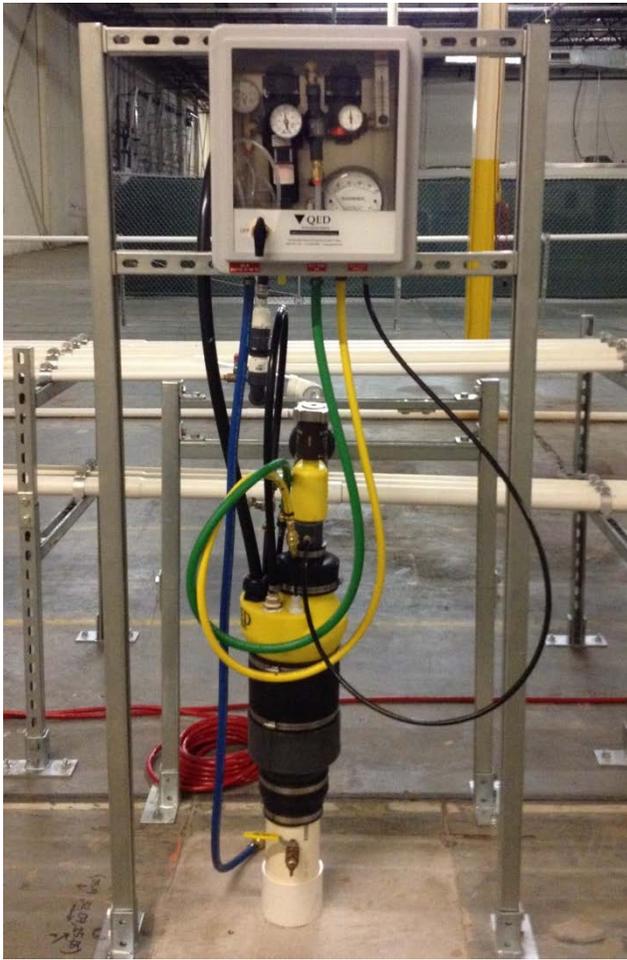


Photo C-3: Complete separate-phase extraction installation and detail of the AutoPump Data Module well-specific control center.



Photo C-4: Interior separate-phase extraction well field layout. The MP-1 conveyance piping is depicted in the foreground and the MP-8 and MP-5 installations are shown in the background.



Photo C-5: Exterior separate-phase extraction well installation at MP-10.



Photo C-6: Rotary Screw Air Compressor



Photo C-7: Pneumatic Tank Full Shut Off Control Center



Photo C-8: Groundwater Storage Tank and Exterior Piping



Photo C-9: Air Stripper with Advanced Oxidation System (AOS) container in background

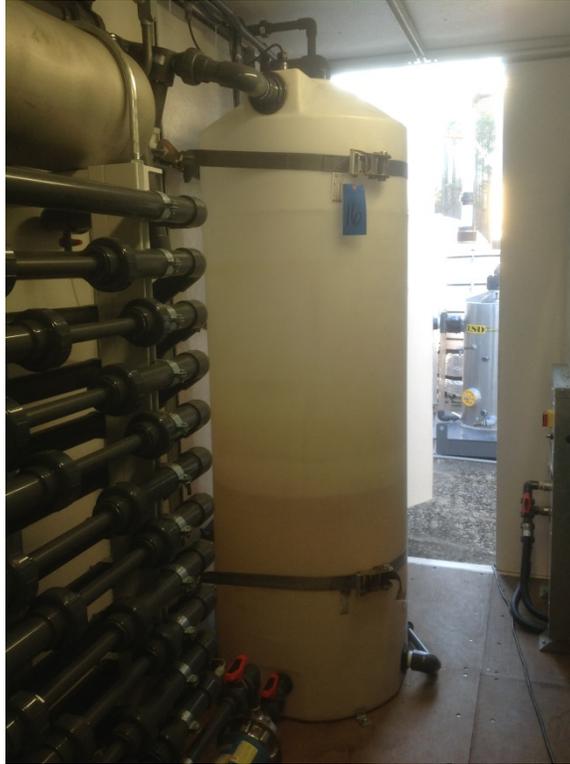


Photo C-10: Interior of the Advanced Oxidation System with the Rotary Lobe Blower skid and Air Stripper in the background.

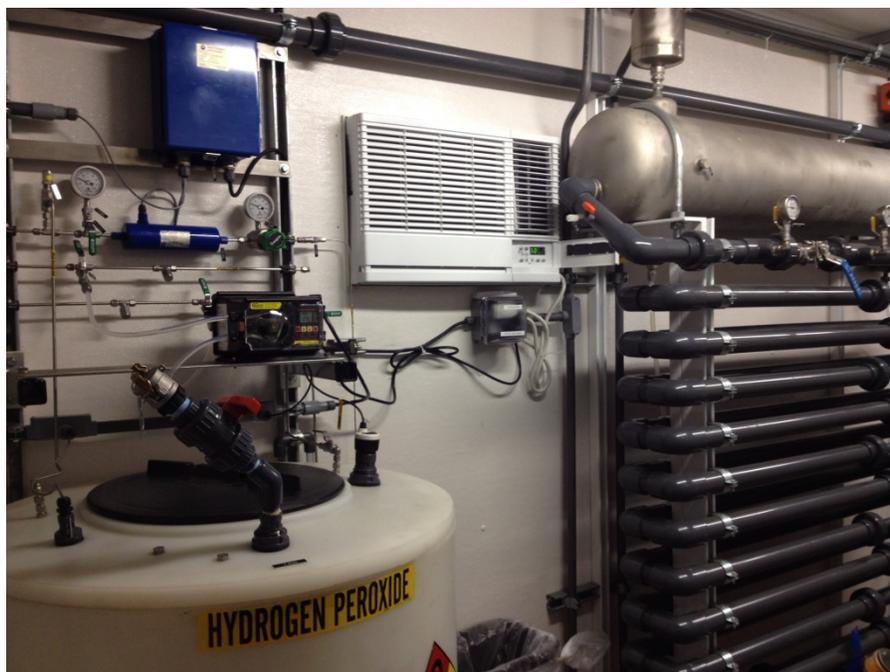


Photo C-11: Interior of the Advanced Oxidation System



Photo C-12: Liquid Ring Pump



Photo C-13: Rotary Lobe Blower



Photo C-14: MPE System Layout



Photo C-15: MPE System Layout

APPENDIX D

Operation and Monitoring Reports Submitted to EPD

July 8, 2013

Georgia Environmental Protection Division
Wastewater Regulatory Program
4220 International Parkway, Suite 101
Atlanta, Georgia 30354-2830

**Re: NPDES Permit #GAP050282
Groundwater Treatment System: Avery Dennison Facility, Flowery Branch, GA
Operation Monitoring Report: Period Ending 06/30/2013 (Q2 2013)**

ATTN: Data Clerk

This letter and its attachments constitute the industrial wastewater Operation Monitoring Report (OMR) for the referenced treatment system (the System) for the period April 1, 2013 to June 30, 2013 (Q2 2013). *Attachment 1* provides the Discharge Monitoring Report form (the DMR); *Attachment 2* provides the associated laboratory analytical reports; and *Attachment 3* provides Operator field forms, including effluent pH measurements recorded with a calibrated field instrument.

There was no discharge during April. During May and June, the System operated intermittently due to planned tuning of the groundwater extraction system and associated telemetry and process logic controllers. Therefore, the monthly average daily flow presented in Attachment 1 is the average daily flow from the month with the highest reported daily flows, as determined by the quotient of the total flow for June divided by the number of days the system was in operation during that month.

As specified in the permit, two discharge sampling events occurred in each of the months during which the treatment system was operational - May and June:¹

- May 24, 2013: grab samples were collected for analysis target volatile organic compounds (VOC);
- May 30, 2013: grab samples were collected for analysis of VOC and pH was measured with a calibrated field instrument;
- June 6, 2013: grab samples were collected for analysis of VOC and pH was measured with a calibrated field instrument; and

¹ One additional sample was collected on June 26, 2013; however, the analytical report was not available at the time of this report. Therefore, the data from the June 26, 2013 sampling event will be presented in the Q3 2013 OMR.

- June 11, 2013: grab samples were collected for analysis of VOC and pH was measured with a calibrated field instrument.

No analytes present on the United States Environmental Protection Agency (EPA) Total Toxic Organics (TTO) list, as presented in 40 CFR §433.11(e), were detected in any of the analyzed effluent samples reported during the operational period.

Sincerely,

Bruce Martin
Manager, Remediation Services

cc: Bill Andrew; City Manager – Flowery Branch

ATTACHMENT 1

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

NAME: AVERY DENNISON CORP
ADDRESS: 130 WALNUT ST
DOUGLAS, MA 01516
FACILITY: AVERY DENNISON
LOCATION: 4350 AVERY DRIVE
FLOWERY BRANCH, GA 30542-2830

GAP050282	00A-1
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD	
MM/DD/YYYY	MM/DD/YYYY
04/01/2013	6/30/2013
FROM	TO

DMR Mailing ZIP CODE: 30542-2830
MINOR (SUBR IP) JENN
DISCH # 001
External Outfall

No Discharge

PARAMETER	QUANTITY OR LOADING			QUALITY OR CONCENTRATION			NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
	VALUE	VALUE	UNITS	VALUE	VALUE	UNITS			
pH	*****	*****	*****	7.11	*****	*****	0		
00400 1 0 Effluent Gross	*****	*****	*****	MINIMUM	*****	MAXIMUM	0	Quarterly	GRAB
Flow, in conduit or thru treatment plant	SAMPLE MEASUREMENT PERMIT REQUIREMENT	.0097	MGD	*****	*****	*****	0		
50050 1 0 Effluent Gross	SAMPLE MEASUREMENT PERMIT REQUIREMENT	0.0	MGD	*****	*****	*****	0	Daily	CONTIN
Total toxic organics (TTO) (40 CFR433)	SAMPLE MEASUREMENT PERMIT REQUIREMENT	0.0	lb/d	*****	*****	*****	0	Quarterly	GRAB
78224 1 0 Effluent Gross	SAMPLE MEASUREMENT PERMIT REQUIREMENT	MO AVG	DAILY MX	*****	*****	*****	0	Quarterly	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I certify, under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and report the information and that the information submitted herein is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		
Bruce Martin/Manager of Environmental Remediation Systems	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE	DATE
TYPED OR PRINTED		(508) 476-5041	07/08/2013
		AREA CODE NUMBER	MM/DD/YYYY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

ATTACHMENT 2

ANALYTICAL RESULTS

Prepared by:

Eurofins Lancaster Laboratories
2425 New Holland Pike
Lancaster, PA 17601

Prepared for:

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

June 07, 2013

Project: Avery Dennison / Flowery Branch, GA

Submittal Date: 05/25/2013
Group Number: 1392669
PO Number: 1-0145-4
State of Sample Origin: GA

Client Sample Description

Trip Blank Water
Discharge Grab Groundwater

Lancaster Labs (LLI) #

7071433
7071434

The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Sample Analysis Record.

ELECTRONIC The Johnson Company, Inc.
COPY TO
ELECTRONIC The Johnson Company, Inc.
COPY TO

Attn: Glen Kirkpatrick

Attn: Tristan Hardy

Respectfully Submitted,



Wendy A. Kozma
Principal Specialist Group Leader

(717) 556-7257

Sample Description: Trip Blank Water
Avery Dennison / Flowery Branch, GA

LLI Sample # WW 7071433
LLI Group # 1392669
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 05/24/2013

The Johnson Company, Inc.

Submitted: 05/25/2013 09:15

Suite 600

Reported: 06/07/2013 18:34

100 State Street

Montpelier VT 05602

ADFBT

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles	SW-846 8260B	ug/l	ug/l	
10335	Acetone	67-64-1	< 20	20	1
10335	Benzene	71-43-2	< 5	5	1
10335	Bromodichloromethane	75-27-4	< 5	5	1
10335	Bromoform	75-25-2	< 5	5	1
10335	Bromomethane	74-83-9	< 5	5	1
10335	2-Butanone	78-93-3	< 10	10	1
10335	Carbon Disulfide	75-15-0	< 5	5	1
10335	Carbon Tetrachloride	56-23-5	< 5	5	1
10335	Chlorobenzene	108-90-7	< 5	5	1
10335	Chloroethane	75-00-3	< 5	5	1
10335	Chloroform	67-66-3	< 5	5	1
10335	Chloromethane	74-87-3	< 5	5	1
10335	Dibromochloromethane	124-48-1	< 5	5	1
10335	1,1-Dichloroethane	75-34-3	< 5	5	1
10335	1,2-Dichloroethane	107-06-2	< 5	5	1
10335	1,1-Dichloroethene	75-35-4	< 2	2	1
10335	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10335	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10335	1,2-Dichloropropane	78-87-5	< 5	5	1
10335	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10335	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10335	Ethylbenzene	100-41-4	< 5	5	1
10335	2-Hexanone	591-78-6	< 10	10	1
10335	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10335	Methylene Chloride	75-09-2	< 5	5	1
10335	Styrene	100-42-5	< 5	5	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10335	Tetrachloroethene	127-18-4	< 5	5	1
10335	Toluene	108-88-3	< 5	5	1
10335	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10335	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10335	Trichloroethene	79-01-6	< 5	5	1
10335	Vinyl Chloride	75-01-4	< 2	2	1
10335	Xylene (Total)	1330-20-7	< 5	5	1
GC/MS	Volatiles	SW-846 8260B SIM	ug/l	ug/l	
00527	1,4-Dioxane	123-91-1	< 2.0	2.0	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/14

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial# Batch#	Analysis Date and Time	Analyst	Dilution Factor
---------	---------------	--------	---------------	------------------------	---------	-----------------

Sample Description: Trip Blank Water
Avery Dennison / Flowery Branch, GA

LLI Sample # WW 7071433
LLI Group # 1392669
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 05/24/2013

The Johnson Company, Inc.

Submitted: 05/25/2013 09:15

Suite 600

Reported: 06/07/2013 18:34

100 State Street

Montpelier VT 05602

ADFBT

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	8260 Ext. Water Master w/GRO	SW-846 8260B	1	T131501AA	05/30/2013 09:59	Linda C Pape	1
00527	1,4-Dioxane by Isotope Dil SIM	SW-846 8260B SIM	1	E131551AA	06/04/2013 14:13	Jason M Long	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	T131501AA	05/30/2013 09:59	Linda C Pape	1
01163	GC/MS VOA Water Prep	SW-846 5030B	2	E131551AA	06/04/2013 14:13	Jason M Long	1

Sample Description: Discharge Grab Groundwater
Avery Dennison / Flowery Branch, GA

LLI Sample # WW 7071434
LLI Group # 1392669
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 05/24/2013 15:45 by PS

The Johnson Company, Inc.

Submitted: 05/25/2013 09:15

Suite 600

Reported: 06/07/2013 18:34

100 State Street

Montpelier VT 05602

ADFBD

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles SW-846 8260B			ug/l	ug/l	
10335	Acetone	67-64-1	< 20	20	1
10335	Benzene	71-43-2	< 5	5	1
10335	Bromodichloromethane	75-27-4	< 5	5	1
10335	Bromoform	75-25-2	< 5	5	1
10335	Bromomethane	74-83-9	< 5	5	1
10335	2-Butanone	78-93-3	< 10	10	1
10335	Carbon Disulfide	75-15-0	< 5	5	1
10335	Carbon Tetrachloride	56-23-5	< 5	5	1
10335	Chlorobenzene	108-90-7	< 5	5	1
10335	Chloroethane	75-00-3	< 5	5	1
10335	Chloroform	67-66-3	< 5	5	1
10335	Chloromethane	74-87-3	< 5	5	1
10335	Dibromochloromethane	124-48-1	< 5	5	1
10335	1,1-Dichloroethane	75-34-3	< 5	5	1
10335	1,2-Dichloroethane	107-06-2	< 5	5	1
10335	1,1-Dichloroethene	75-35-4	< 2	2	1
10335	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10335	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10335	1,2-Dichloropropane	78-87-5	< 5	5	1
10335	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10335	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10335	Ethylbenzene	100-41-4	< 5	5	1
10335	2-Hexanone	591-78-6	< 10	10	1
10335	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10335	Methylene Chloride	75-09-2	< 5	5	1
10335	Styrene	100-42-5	< 5	5	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10335	Tetrachloroethene	127-18-4	< 5	5	1
10335	Toluene	108-88-3	< 5	5	1
10335	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10335	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10335	Trichloroethene	79-01-6	< 5	5	1
10335	Vinyl Chloride	75-01-4	< 2	2	1
10335	Xylene (Total)	1330-20-7	< 5	5	1
GC/MS Volatiles SW-846 8260B SIM			ug/l	ug/l	
00527	1,4-Dioxane	123-91-1	< 2.0	2.0	1
A positive result for residual chlorine was detected in the sample container used for analysis.					

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/14

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Sample Description: Discharge Grab Groundwater
Avery Dennison / Flowery Branch, GA

LLI Sample # WW 7071434
LLI Group # 1392669
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 05/24/2013 15:45 by PS

The Johnson Company, Inc.
Suite 600

Submitted: 05/25/2013 09:15

100 State Street

Reported: 06/07/2013 18:34

Montpelier VT 05602

ADFBD

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	8260 Ext. Water Master w/GRO	SW-846 8260B	1	T131501AA	05/30/2013 12:22	Linda C Pape	1
00527	1,4-Dioxane by Isotope Dil SIM	SW-846 8260B SIM	1	E131551AA	06/04/2013 16:16	Jason M Long	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	T131501AA	05/30/2013 12:22	Linda C Pape	1
01163	GC/MS VOA Water Prep	SW-846 5030B	2	E131551AA	06/04/2013 16:16	Jason M Long	1

Quality Control Summary

Client Name: The Johnson Company, Inc.
Reported: 06/07/13 at 06:34 PM

Group Number: 1392669

Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

All Inorganic Initial Calibration and Continuing Calibration Blanks met acceptable method criteria unless otherwise noted on the Analysis Report.

Laboratory Compliance Quality Control

<u>Analysis Name</u>	<u>Blank Result</u>	<u>Blank LOQ</u>	<u>Report Units</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>LCS/LCSD Limits</u>	<u>RPD</u>	<u>RPD Max</u>
Batch number: E131551AA	Sample number(s): 7071433-7071434							
1,4-Dioxane	< 2.0	2.0	ug/l	109	112	80-123	2	30
Batch number: T131501AA	Sample number(s): 7071433-7071434							
Acetone	< 20	20.	ug/l	111		35-181		
Benzene	< 5	5.	ug/l	110		77-121		
Bromodichloromethane	< 5	5.	ug/l	98		73-120		
Bromoform	< 5	5.	ug/l	89		61-120		
Bromomethane	< 5	5.	ug/l	93		51-120		
2-Butanone	< 10	10.	ug/l	92		57-141		
Carbon Disulfide	< 5	5.	ug/l	102		68-121		
Carbon Tetrachloride	< 5	5.	ug/l	116		65-137		
Chlorobenzene	< 5	5.	ug/l	105		80-120		
Chloroethane	< 5	5.	ug/l	80		60-120		
Chloroform	< 5	5.	ug/l	108		77-122		
Chloromethane	< 5	5.	ug/l	85		54-123		
Dibromochloromethane	< 5	5.	ug/l	96		72-120		
1,1-Dichloroethane	< 5	5.	ug/l	111		79-120		
1,2-Dichloroethane	< 5	5.	ug/l	110		64-130		
1,1-Dichloroethene	< 2	2.	ug/l	105		76-124		
cis-1,2-Dichloroethene	< 5	5.	ug/l	112		80-120		
trans-1,2-Dichloroethene	< 5	5.	ug/l	112		80-120		
1,2-Dichloropropane	< 5	5.	ug/l	108		80-120		
cis-1,3-Dichloropropene	< 5	5.	ug/l	108		78-120		
trans-1,3-Dichloropropene	< 5	5.	ug/l	94		66-124		
Ethylbenzene	< 5	5.	ug/l	100		79-120		
2-Hexanone	< 10	10.	ug/l	67		59-125		
4-Methyl-2-pentanone	< 10	10.	ug/l	78		65-122		
Methylene Chloride	< 5	5.	ug/l	106		84-118		
Styrene	< 5	5.	ug/l	105		77-120		
1,1,2,2-Tetrachloroethane	< 5	5.	ug/l	95		70-129		
Tetrachloroethene	< 5	5.	ug/l	127*		79-120		
Toluene	< 5	5.	ug/l	105		79-120		
1,1,1-Trichloroethane	< 5	5.	ug/l	114		66-126		
1,1,2-Trichloroethane	< 5	5.	ug/l	103		80-120		
Trichloroethene	< 5	5.	ug/l	117		80-120		
Vinyl Chloride	< 2	2.	ug/l	84		63-120		
Xylene (Total)	< 5	5.	ug/l	103		77-120		

Sample Matrix Quality Control

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: The Johnson Company, Inc.

Group Number: 1392669

Reported: 06/07/13 at 06:34 PM

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike

Background (BKG) = the sample used in conjunction with the duplicate

<u>Analysis Name</u>	<u>MS</u> <u>%REC</u>	<u>MSD</u> <u>%REC</u>	<u>MS/MSD</u> <u>Limits</u>	<u>RPD</u> <u>RPD</u>	<u>BKG</u> <u>MAX</u> <u>Conc</u>	<u>DUP</u> <u>Conc</u>	<u>DUP</u> <u>RPD</u>	<u>Dup RPD</u> <u>Max</u>
Batch number: T131501AA	Sample number(s): 7071433-7071434 UNSPK: P071451							
Acetone	96	98	33-159	2	30			
Benzene	105	102	72-134	1	30			
Bromodichloromethane	100	98	78-125	2	30			
Bromoform	92	91	48-118	1	30			
Bromomethane	97	93	47-129	5	30			
2-Butanone	90	88	57-138	2	30			
Carbon Disulfide	82	79	67-135	4	30			
Carbon Tetrachloride	114	110	72-135	3	30			
Chlorobenzene	106	106	87-124	0	30			
Chloroethane	88	80	51-145	9	30			
Chloroform	111	108	81-134	3	30			
Chloromethane	87	85	46-137	3	30			
Dibromochloromethane	99	98	74-116	1	30			
1,1-Dichloroethane	106	104	84-129	2	30			
1,2-Dichloroethane	106	102	68-131	3	30			
1,1-Dichloroethene	94	90	75-155	4	30			
cis-1,2-Dichloroethene	108	110	80-141	1	30			
trans-1,2-Dichloroethene	106	105	81-142	1	30			
1,2-Dichloropropane	108	107	83-124	1	30			
cis-1,3-Dichloropropene	105	104	70-116	2	30			
trans-1,3-Dichloropropene	94	92	74-119	2	30			
Ethylbenzene	107	108	71-134	0	30			
2-Hexanone	70	70	55-127	0	30			
4-Methyl-2-pentanone	78	79	63-123	2	30			
Methylene Chloride	104	103	78-133	2	30			
Styrene	110	110	78-125	0	30			
1,1,2,2-Tetrachloroethane	111	111	72-128	0	30			
Tetrachloroethene	106	109	80-128	3	30			
Toluene	106	106	80-125	0	30			
1,1,1-Trichloroethane	113	114	69-140	1	30			
1,1,2-Trichloroethane	107	106	71-141	1	30			
Trichloroethene	108	109	88-133	0	30			
Vinyl Chloride	92	87	66-133	5	30			
Xylene (Total)	105	106	79-125	0	30			

Surrogate Quality Control

Surrogate recoveries which are outside of the QC window are confirmed unless attributed to dilution or otherwise noted on the Analysis Report.

Analysis Name: 1,4-Dioxane by Isotope Dil SIM

Batch number: E131551AA

Toluene-d8

7071433	96
7071434	95
Blank	97
LCS	96

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: The Johnson Company, Inc.
Reported: 06/07/13 at 06:34 PM

Group Number: 1392669

Surrogate Quality Control

LCSD 96

Limits: 80-120

Analysis Name: 8260 Ext. Water Master w/GRO

Batch number: T131501AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
7071433	103	104	99	97
7071434	105	103	101	99
Blank	101	104	100	100
LCS	101	104	100	101
MS	101	102	99	102
MSD	102	104	99	100

Limits: 80-116

77-113

80-113

78-113

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The unspiked result was more than four times the spike added.

Environmental Analysis Request/Chain of Custody



Lancaster Laboratories

Acct. # 6556 For Eurofins Lancaster Laboratories use only
 Group # 1392669 Sample # 7071433-34
Instructions on reverse side correspond with circled numbers.

COC # 329552

1 Client Information				4 Matrix				5 Analysis Requested												For Lab Use Only	
Client: <u>The Johnson Company</u>		Acct. #:		Sediment <input type="checkbox"/> Potable <input type="checkbox"/> Water <input type="checkbox"/> NPDES <input type="checkbox"/> Other: <input type="checkbox"/>	Ground <input checked="" type="checkbox"/> Surface <input type="checkbox"/>	Preservation Codes												FSC: _____	SCR#: <u>139102</u> Preservation Codes H=HCl T=Thiosulfate N=HNO ₃ B=NaOH S=H ₂ SO ₄ O=Other		
Project Name#: <u>Avery Flower Branch / 1-0145-4</u>		PWSID #:				Total # of Containers 1,4 Dioxane by scope 0.15m H Voc via 8260 B	6 Remarks														
Project Manager: <u>Glen Kirkpatrick</u>		P.O. #: <u>1-0145-4</u>					O= no preservative														
Sampler: <u>Pat Smart</u>		Quote #:																			
Name of state where samples were collected: <u>Georgia</u>				3																	
2 Sample Identification		Collected		Grab	Composite																
		Date	Time																		
<u>Trip blank</u>		<u>5/24/13</u>		<u>X</u>																	
<u>Discharge</u>		<u>5/24/13</u>	<u>1545</u>	<u>X</u>																	
7 Turnaround Time (TAT) Requested (please circle)				Relinquished by <u>Steve</u>				Date <u>5/7/13</u>		Time <u>13:45</u>		Received by		Date		Time		9			
(Rush TAT is subject to Lancaster Laboratories approval and surcharge.) Standard <input checked="" type="radio"/> Rush <input type="radio"/>				Relinquished by <u>Pat</u>				Date <u>5/24/13</u>		Time <u>1300</u>		Received by <u>to fedex</u>		Date		Time					
Date results are needed: _____				Relinquished by				Date		Time		Received by		Date		Time					
E-mail address: <u>GAK@jcomail.com; pcs@jcomail.com</u>				Relinquished by				Date		Time		Received by		Date		Time					
8 Data Package Options (circle if required)				Relinquished by				Date		Time		Received by <u>[Signature]</u>		Date <u>5-25-13</u>		Time <u>9:15</u>					
Type I (Validation/non-CLP)		Type VI (Raw Data Only)		EDD Required? <u>Yes</u> No				Relinquished by Commercial Carrier:													
Type III (Reduced non-CLP)		TX TRRP-13		If yes, format: _____				UPS _____ FedEx <u>X</u> Other _____													
Type IV (CLP SOW)		MA MCP CT RCP		Site-Specific QC (MS/MSD/Dup)? Yes No				Temperature upon receipt <u>5.6</u> °C													
				(If yes, indicate QC sample and submit triplicate sample volume.)																	

Environmental Sample Administration

Receipt Documentation Log

1392669

Client/Project: The Johnson CO

Shipping Container Sealed: YES NO

Date of Receipt: 5.25.13

Custody Seal Present * : YES NO

Time of Receipt: 915

* Custody seal was intact unless otherwise noted in the discrepancy section

Source Code: 50-1

Package: Chilled Not Chilled

Temperature of Shipping Containers							
Cooler #	Thermometer ID	Temperature (°C)	Temp Bottle (TB) or Surface Temp (ST)	Wet Ice (WI) or Dry Ice (DI) or Ice Packs (IP)	Ice Present? Y/N	Loose (L) Bagged Ice (B) or NA	Comments
1	2739	5.6	TB	wi	Y	B	
2							
3							
4							
5							
6							

Number of Trip Blanks received NOT listed on chain of custody: 0

Paperwork Discrepancy/Unpacking Problems:

Unpacker Signature/Emp#: Benny My 2299

Date/Time: 5.25.13 1151

Issued by Dept. 6042 Management

Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

RL	Reporting Limit	BMQL	Below Minimum Quantitation Level
N.D.	none detected	MPN	Most Probable Number
TNTC	Too Numerous To Count	CP Units	cobalt-chloroplatinate units
IU	International Units	NTU	nephelometric turbidity units
umhos/cm	micromhos/cm	ng	nanogram(s)
C	degrees Celsius	F	degrees Fahrenheit
meq	milliequivalents	lb.	pound(s)
g	gram(s)	kg	kilogram(s)
µg	microgram(s)	mg	milligram(s)
mL	milliliter(s)	L	liter(s)
m3	cubic meter(s)	µL	microliter(s)
		pg/L	picogram/liter
<	less than - The number following the sign is the <u>limit of quantitation</u> , the smallest amount of analyte which can be reliably determined using this specific test.		
>	greater than		
J	estimated value – The result is \geq the Method Detection Limit (MDL) and $<$ the Limit of Quantitation (LOQ).		
ppm	parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.		
ppb	parts per billion		
Dry weight basis	Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.		

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers		Inorganic Qualifiers	
A	TIC is a possible aldol-condensation product	B	Value is $<$ CRDL, but \geq IDL
B	Analyte was also detected in the blank	E	Estimated due to interference
C	Pesticide result confirmed by GC/MS	M	Duplicate injection precision not met
D	Compound quantitated on a diluted sample	N	Spike sample not within control limits
E	Concentration exceeds the calibration range of the instrument	S	Method of standard additions (MSA) used for calculation
N	Presumptive evidence of a compound (TICs only)	U	Compound was not detected
P	Concentration difference between primary and confirmation columns $>$ 25%	W	Post digestion spike out of control limits
U	Compound was not detected	*	Duplicate analysis not within control limits
X,Y,Z	Defined in case narrative	+	Correlation coefficient for MSA $<$ 0.995

Analytical test results meet all requirements of NELAC unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

Times are local to the area of activity. Parameters listed in the 40 CFR part 136 Table II as “analyze immediately” are not performed within 15 minutes.

WARRANTY AND LIMITS OF LIABILITY - In accepting analytical work, we warrant the accuracy of test results for the sample as submitted. THE FOREGOING EXPRESS WARRANTY IS EXCLUSIVE AND IS GIVEN IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED. WE DISCLAIM ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING A WARRANTY OF FITNESS FOR PARTICULAR PURPOSE AND WARRANTY OF MERCHANTABILITY. IN NO EVENT SHALL LANCASTER LABORATORIES BE LIABLE FOR INDIRECT, SPECIAL, CONSEQUENTIAL, OR INCIDENTAL DAMAGES INCLUDING, BUT NOT LIMITED TO, DAMAGES FOR LOSS OF PROFIT OR GOODWILL REGARDLESS OF (A) THE NEGLIGENCE (EITHER SOLE OR CONCURRENT) OF LANCASTER LABORATORIES AND (B) WHETHER LANCASTER LABORATORIES HAS BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES. We accept no legal responsibility for the purposes for which the client uses the test results. No purchase order or other order for work shall be accepted by Lancaster Laboratories which includes any conditions that vary from the Standard Terms and Conditions, and Lancaster hereby objects to any conflicting terms contained in any acceptance or order submitted by client.

ANALYTICAL RESULTS

Prepared by:

Eurofins Lancaster Laboratories
2425 New Holland Pike
Lancaster, PA 17601

Prepared for:

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

June 11, 2013

Project: Avery Dennison / Flowery Branch, GA

Submittal Date: 06/01/2013
Group Number: 1394055
PO Number: 1-0145-4
State of Sample Origin: GAClient Sample DescriptionDischarge Grab Water
Trip Blank WaterLancaster Labs (LLI) #7078149
7078150

The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Sample Analysis Record.

ELECTRONIC The Johnson Company, Inc.
COPY TO
ELECTRONIC The Johnson Company, Inc.
COPY TO

Attn: Glen Kirkpatrick

Attn: Tristan Hardy

Respectfully Submitted,

Wendy A. Kozma
Principal Specialist Group Leader

(717) 556-7257

Sample Description: Discharge Grab Water

LLI Sample # WW 7078149

Project Name: Avery Dennison / Flowery Branch, GA

LLI Group # 1394055

Account # 06556

Collected: 05/30/2013 09:40 by EM

The Johnson Company, Inc.

Submitted: 06/01/2013 09:30

Suite 600

Reported: 06/11/2013 17:58

100 State Street

Montpelier VT 05602

DSCGR

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles	SW-846 8260B	ug/l	ug/l	
10335	Acetone	67-64-1	< 20	20	1
10335	Benzene	71-43-2	< 5	5	1
10335	Bromodichloromethane	75-27-4	< 5	5	1
10335	Bromoform	75-25-2	< 5	5	1
10335	Bromomethane	74-83-9	< 5	5	1
10335	2-Butanone	78-93-3	< 10	10	1
10335	Carbon Disulfide	75-15-0	< 5	5	1
10335	Carbon Tetrachloride	56-23-5	< 5	5	1
10335	Chlorobenzene	108-90-7	< 5	5	1
10335	Chloroethane	75-00-3	< 5	5	1
10335	Chloroform	67-66-3	< 5	5	1
10335	Chloromethane	74-87-3	< 5	5	1
10335	Dibromochloromethane	124-48-1	< 5	5	1
10335	1,1-Dichloroethane	75-34-3	< 5	5	1
10335	1,2-Dichloroethane	107-06-2	< 5	5	1
10335	1,1-Dichloroethene	75-35-4	< 2	2	1
10335	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10335	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10335	1,2-Dichloropropane	78-87-5	< 5	5	1
10335	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10335	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10335	Ethylbenzene	100-41-4	< 5	5	1
10335	2-Hexanone	591-78-6	< 10	10	1
10335	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10335	Methylene Chloride	75-09-2	< 5	5	1
10335	Styrene	100-42-5	< 5	5	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10335	Tetrachloroethene	127-18-4	< 5	5	1
10335	Toluene	108-88-3	< 5	5	1
10335	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10335	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10335	Trichloroethene	79-01-6	< 5	5	1
10335	Vinyl Chloride	75-01-4	< 2	2	1
10335	Xylene (Total)	1330-20-7	< 5	5	1

GC/MS	Volatiles	SW-846 8260B SIM	ug/l	ug/l	
00527	1,4-Dioxane	123-91-1	< 2.0	2.0	1

A positive result for residual chlorine was detected in the sample container used for analysis.

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/14

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
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Sample Description: Discharge Grab Water

LLI Sample # WW 7078149

Project Name: Avery Dennison / Flowery Branch, GA

LLI Group # 1394055

Account # 06556

Collected: 05/30/2013 09:40 by EM

The Johnson Company, Inc.

Suite 600

Submitted: 06/01/2013 09:30

100 State Street

Reported: 06/11/2013 17:58

Montpelier VT 05602

DSCGR

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	8260 Ext. Water Master w/GRO	SW-846 8260B	1	T131552AA	06/04/2013 23:18	Sarah A Guill	1
00527	1,4-Dioxane by Isotope Dil SIM	SW-846 8260B SIM	1	E131551AA	06/04/2013 16:36	Jason M Long	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	E131551AA	06/04/2013 16:36	Jason M Long	1
01163	GC/MS VOA Water Prep	SW-846 5030B	2	T131552AA	06/04/2013 23:18	Sarah A Guill	1

Sample Description: Trip Blank Water

LLI Sample # WW 7078150

Project Name: Avery Dennison / Flowery Branch, GA

LLI Group # 1394055

Account # 06556

Collected: 05/30/2013

The Johnson Company, Inc.

Submitted: 06/01/2013 09:30

Suite 600

Reported: 06/11/2013 17:58

100 State Street

Montpelier VT 05602

DSCT1

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles	SW-846 8260B	ug/l	ug/l	
10335	Acetone	67-64-1	< 20	20	1
10335	Benzene	71-43-2	< 5	5	1
10335	Bromodichloromethane	75-27-4	< 5	5	1
10335	Bromoform	75-25-2	< 5	5	1
10335	Bromomethane	74-83-9	< 5	5	1
10335	2-Butanone	78-93-3	< 10	10	1
10335	Carbon Disulfide	75-15-0	< 5	5	1
10335	Carbon Tetrachloride	56-23-5	< 5	5	1
10335	Chlorobenzene	108-90-7	< 5	5	1
10335	Chloroethane	75-00-3	< 5	5	1
10335	Chloroform	67-66-3	< 5	5	1
10335	Chloromethane	74-87-3	< 5	5	1
10335	Dibromochloromethane	124-48-1	< 5	5	1
10335	1,1-Dichloroethane	75-34-3	< 5	5	1
10335	1,2-Dichloroethane	107-06-2	< 5	5	1
10335	1,1-Dichloroethene	75-35-4	< 2	2	1
10335	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10335	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10335	1,2-Dichloropropane	78-87-5	< 5	5	1
10335	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10335	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10335	Ethylbenzene	100-41-4	< 5	5	1
10335	2-Hexanone	591-78-6	< 10	10	1
10335	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10335	Methylene Chloride	75-09-2	< 5	5	1
10335	Styrene	100-42-5	< 5	5	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10335	Tetrachloroethene	127-18-4	< 5	5	1
10335	Toluene	108-88-3	< 5	5	1
10335	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10335	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10335	Trichloroethene	79-01-6	< 5	5	1
10335	Vinyl Chloride	75-01-4	< 2	2	1
10335	Xylene (Total)	1330-20-7	< 5	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/14

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	8260 Ext. Water Master w/GRO	SW-846 8260B	1	T131552AA	06/04/2013 23:42	Sarah A Guill	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	T131552AA	06/04/2013 23:42	Sarah A Guill	1

Quality Control Summary

Client Name: The Johnson Company, Inc.
Reported: 06/11/13 at 05:58 PM

Group Number: 1394055

Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

All Inorganic Initial Calibration and Continuing Calibration Blanks met acceptable method criteria unless otherwise noted on the Analysis Report.

Laboratory Compliance Quality Control

<u>Analysis Name</u>	<u>Blank Result</u>	<u>Blank LOQ</u>	<u>Report Units</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>LCS/LCSD Limits</u>	<u>RPD</u>	<u>RPD Max</u>
Batch number: E131551AA	Sample number(s): 7078149							
1,4-Dioxane	< 2.0	2.0	ug/l	109	112	80-123	2	30
Batch number: T131552AA	Sample number(s): 7078149-7078150							
Acetone	< 20	20.	ug/l	99		35-181		
Benzene	< 5	5.	ug/l	104		77-121		
Bromodichloromethane	< 5	5.	ug/l	92		73-120		
Bromoform	< 5	5.	ug/l	90		61-120		
Bromomethane	< 5	5.	ug/l	95		51-120		
2-Butanone	< 10	10.	ug/l	90		57-141		
Carbon Disulfide	< 5	5.	ug/l	90		68-121		
Carbon Tetrachloride	< 5	5.	ug/l	103		65-137		
Chlorobenzene	< 5	5.	ug/l	100		80-120		
Chloroethane	< 5	5.	ug/l	79		60-120		
Chloroform	< 5	5.	ug/l	101		77-122		
Chloromethane	< 5	5.	ug/l	89		54-123		
Dibromochloromethane	< 5	5.	ug/l	94		72-120		
1,1-Dichloroethane	< 5	5.	ug/l	104		79-120		
1,2-Dichloroethane	< 5	5.	ug/l	99		64-130		
1,1-Dichloroethene	< 2	2.	ug/l	97		76-124		
cis-1,2-Dichloroethene	< 5	5.	ug/l	112		80-120		
trans-1,2-Dichloroethene	< 5	5.	ug/l	107		80-120		
1,2-Dichloropropane	< 5	5.	ug/l	106		80-120		
cis-1,3-Dichloropropene	< 5	5.	ug/l	100		78-120		
trans-1,3-Dichloropropene	< 5	5.	ug/l	85		66-124		
Ethylbenzene	< 5	5.	ug/l	97		79-120		
2-Hexanone	< 10	10.	ug/l	67		59-125		
4-Methyl-2-pentanone	< 10	10.	ug/l	79		65-122		
Methylene Chloride	< 5	5.	ug/l	103		84-118		
Styrene	< 5	5.	ug/l	101		77-120		
1,1,2,2-Tetrachloroethane	< 5	5.	ug/l	98		70-129		
Tetrachloroethene	< 5	5.	ug/l	101		79-120		
Toluene	< 5	5.	ug/l	100		79-120		
1,1,1-Trichloroethane	< 5	5.	ug/l	110		66-126		
1,1,2-Trichloroethane	< 5	5.	ug/l	102		80-120		
Trichloroethene	< 5	5.	ug/l	103		80-120		
Vinyl Chloride	< 2	2.	ug/l	85		63-120		
Xylene (Total)	< 5	5.	ug/l	100		77-120		

Sample Matrix Quality Control

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: The Johnson Company, Inc.

Group Number: 1394055

Reported: 06/11/13 at 05:58 PM

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike

Background (BKG) = the sample used in conjunction with the duplicate

<u>Analysis Name</u>	<u>MS</u> <u>%REC</u>	<u>MSD</u> <u>%REC</u>	<u>MS/MSD</u> <u>Limits</u>	<u>RPD</u> <u>RPD</u>	<u>BKG</u> <u>MAX</u> <u>Conc</u>	<u>DUP</u> <u>Conc</u>	<u>DUP</u> <u>RPD</u>	<u>Dup RPD</u> <u>Max</u>
Batch number: T131552AA	Sample number(s): 7078149-7078150 UNSPK: P075927							
Acetone	99	97	33-159	2	30			
Benzene	113	111	72-134	1	30			
Bromodichloromethane	101	96	78-125	5	30			
Bromoform	91	89	48-118	2	30			
Bromomethane	110	109	47-129	1	30			
2-Butanone	88	86	57-138	2	30			
Carbon Disulfide	106	101	67-135	5	30			
Carbon Tetrachloride	120	118	72-135	1	30			
Chlorobenzene	107	108	87-124	1	30			
Chloroethane	92	91	51-145	1	30			
Chloroform	110	107	81-134	3	30			
Chloromethane	100	99	46-137	1	30			
Dibromochloromethane	96	97	74-116	2	30			
1,1-Dichloroethane	114	111	84-129	3	30			
1,2-Dichloroethane	104	103	68-131	1	30			
1,1-Dichloroethene	110	109	75-155	1	30			
cis-1,2-Dichloroethene	118	115	80-141	2	30			
trans-1,2-Dichloroethene	120	117	81-142	2	30			
1,2-Dichloropropane	111	111	83-124	1	30			
cis-1,3-Dichloropropene	107	103	70-116	3	30			
trans-1,3-Dichloropropene	88	89	74-119	1	30			
Ethylbenzene	104	107	71-134	2	30			
2-Hexanone	65	66	55-127	1	30			
4-Methyl-2-pentanone	76	76	63-123	1	30			
Methylene Chloride	108	107	78-133	1	30			
Styrene	105	105	78-125	1	30			
1,1,2,2-Tetrachloroethane	103	99	72-128	4	30			
Tetrachloroethene	111	110	80-128	1	30			
Toluene	110	109	80-125	0	30			
1,1,1-Trichloroethane	120	121	69-140	1	30			
1,1,2-Trichloroethane	99	102	71-141	3	30			
Trichloroethene	115	113	88-133	2	30			
Vinyl Chloride	99	98	66-133	1	30			
Xylene (Total)	105	107	79-125	2	30			

Surrogate Quality Control

Surrogate recoveries which are outside of the QC window are confirmed unless attributed to dilution or otherwise noted on the Analysis Report.

Analysis Name: 1,4-Dioxane by Isotope Dil SIM

Batch number: E131551AA

Toluene-d8

7078149	94
Blank	97
LCS	96
LCSD	96

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: The Johnson Company, Inc.
Reported: 06/11/13 at 05:58 PM

Group Number: 1394055

Surrogate Quality Control

Limits: 80-120

Analysis Name: 8260 Ext. Water Master w/GRO

Batch number: T131552AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
7078149	101	103	96	94
7078150	101	103	98	97
Blank	100	104	97	97
LCS	102	104	97	98
MS	103	102	97	95
MSD	101	101	98	100

Limits: 80-116

77-113

80-113

78-113

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The unspiked result was more than four times the spike added.

Environmental Services Analysis Request/Chain of Custody



Lancaster Laboratories

Acct. # 6556 Group # 1394055 Sample # 7078149-50

Client: The Johnson Company				Matrix			Analyses Requested										For Lab Use Only					
Project Name/#: <u>Avery/1-0145-4</u>		Site ID #:		<input type="checkbox"/> Sediment	<input checked="" type="checkbox"/> Ground	<input type="checkbox"/> Surface	Preservation Codes										SF #: _____					
Project Manager: <u>Glen Kirkpatrick</u>		P.O. #: <u>1-0145-4</u>		<input type="checkbox"/> Potable	<input type="checkbox"/> NPDES	<input type="checkbox"/> Other:	Total # of Containers <u>4</u> <u>VOC via B210</u> <u>4</u> <u>1,4-Dioxane by isotope</u>										SCR #: _____					
Sampler: <u>Eric Mudd/CWS</u>		PWSID #:		<input type="checkbox"/> Soil	<input type="checkbox"/> Water												Preservation Codes		H = HCl		T = Thiosulfate	
Phone #: <u>770-596-5337</u>		Quote #:		<input type="checkbox"/> Composite															N = HNO ₃		B = NaOH	
State where sample(s) were collected: <u>GA</u>																			S = H ₂ SO ₄		P = H ₃ PO ₄	
Sample Identification				Collection		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>										Remarks				
		Date	Time	Grab	Composite																	
<u>Discharge</u>		<u>5-30-13</u>	<u>9:40</u>	<u>X</u>																		
<u>Trip Blank</u>		<u>"</u>	<u>"</u>	<u>X</u>																		
Turnaround Time Requested (TAT) (please check): Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>				Relinquished by: <u>Eric Mudd</u>			Date: <u>5-31-13</u>		Time: <u>2:36</u>		Received by:			Date:		Time:						
(Rush TAT is subject to Lancaster Laboratories approval and surcharges.)				Relinquished by:			Date:		Time:		Received by:			Date:		Time:						
Date results are needed:				Relinquished by:			Date:		Time:		Received by:			Date:		Time:						
Rush results requested by (please check): E-Mail <input type="checkbox"/> Phone <input type="checkbox"/>				Relinquished by:			Date:		Time:		Received by:			Date:		Time:						
E-mail Address:				Relinquished by:			Date:		Time:		Received by:			Date:		Time:						
Phone:				Relinquished by:			Date:		Time:		Received by:			Date:		Time:						
Data Package Options (please check if required)				Relinquished by:			Date:		Time:		Received by:			Date:		Time:						
Type I (Validation/non-CLP)	<input type="checkbox"/>	MA MCP	<input type="checkbox"/>	Relinquished by:			Date:		Time:		Received by:			Date:		Time:						
Type III (Reduced non-CLP)	<input type="checkbox"/>	CT RCP	<input type="checkbox"/>	Relinquished by:			Date:		Time:		Received by:			Date:		Time:						
Type IV (CLP SOW)	<input type="checkbox"/>	TX TRRP-13	<input type="checkbox"/>	Relinquished by:			Date:		Time:		Received by:			Date:		Time:						
Type VI (Raw Data Only)	<input type="checkbox"/>			Relinquished by Commercial Carrier:			Date:		Time:		Received by:			Date:		Time:						
EDD Required? Yes <input type="checkbox"/> No <input type="checkbox"/> If yes, format: _____				UPS <input type="checkbox"/> FedEx <input checked="" type="checkbox"/> Other <input type="checkbox"/>			Temperature upon receipt: <u>1.5</u> °C															

Environmental Sample Administration
Receipt Documentation Log

1394055

Client/Project: Johnson Company
 Date of Receipt: 6/1/13
 Time of Receipt: 0930
 Source Code: SO-1

Shipping Container Sealed: YES NO
 Custody Seal Present *: YES NO
* Custody seal was intact unless otherwise noted in the discrepancy section
 Package: Chilled Not Chilled

Temperature of Shipping Containers							
Cooler #	Thermometer ID	Temperature (°C)	Temp Bottle (TB) or Surface Temp (ST)	Wet Ice (WI) or Dry Ice (DI) or Ice Packs (IP)	Ice Present? Y/N	Loose (L) Bagged Ice (B) or NA	Comments
1	DT 131	1.5	TB	WI	Y	B	
2	_____						
3	_____						
4	_____						
5	_____						
6	_____						

Number of Trip Blanks received NOT listed on chain of custody: 0

Paperwork Discrepancy/Unpacking Problems:

Unpacker Signature/Emp#: Chan 2241 Date/Time: 6/1/13 1110

Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

RL	Reporting Limit	BMQL	Below Minimum Quantitation Level
N.D.	none detected	MPN	Most Probable Number
TNTC	Too Numerous To Count	CP Units	cobalt-chloroplatinate units
IU	International Units	NTU	nephelometric turbidity units
umhos/cm	micromhos/cm	ng	nanogram(s)
C	degrees Celsius	F	degrees Fahrenheit
meq	milliequivalents	lb.	pound(s)
g	gram(s)	kg	kilogram(s)
µg	microgram(s)	mg	milligram(s)
mL	milliliter(s)	L	liter(s)
m3	cubic meter(s)	µL	microliter(s)
		pg/L	picogram/liter
<	less than - The number following the sign is the <u>limit of quantitation</u> , the smallest amount of analyte which can be reliably determined using this specific test.		
>	greater than		
J	estimated value – The result is \geq the Method Detection Limit (MDL) and $<$ the Limit of Quantitation (LOQ).		
ppm	parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.		
ppb	parts per billion		
Dry weight basis	Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.		

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers	Inorganic Qualifiers
A TIC is a possible aldol-condensation product	B Value is $<$ CRDL, but \geq IDL
B Analyte was also detected in the blank	E Estimated due to interference
C Pesticide result confirmed by GC/MS	M Duplicate injection precision not met
D Compound quantitated on a diluted sample	N Spike sample not within control limits
E Concentration exceeds the calibration range of the instrument	S Method of standard additions (MSA) used for calculation
N Presumptive evidence of a compound (TICs only)	U Compound was not detected
P Concentration difference between primary and confirmation columns $>$ 25%	W Post digestion spike out of control limits
U Compound was not detected	* Duplicate analysis not within control limits
X,Y,Z Defined in case narrative	+ Correlation coefficient for MSA $<$ 0.995

Analytical test results meet all requirements of NELAC unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

Times are local to the area of activity. Parameters listed in the 40 CFR part 136 Table II as "analyze immediately" are not performed within 15 minutes.

WARRANTY AND LIMITS OF LIABILITY - In accepting analytical work, we warrant the accuracy of test results for the sample as submitted. THE FOREGOING EXPRESS WARRANTY IS EXCLUSIVE AND IS GIVEN IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED. WE DISCLAIM ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING A WARRANTY OF FITNESS FOR PARTICULAR PURPOSE AND WARRANTY OF MERCHANTABILITY. IN NO EVENT SHALL LANCASTER LABORATORIES BE LIABLE FOR INDIRECT, SPECIAL, CONSEQUENTIAL, OR INCIDENTAL DAMAGES INCLUDING, BUT NOT LIMITED TO, DAMAGES FOR LOSS OF PROFIT OR GOODWILL REGARDLESS OF (A) THE NEGLIGENCE (EITHER SOLE OR CONCURRENT) OF LANCASTER LABORATORIES AND (B) WHETHER LANCASTER LABORATORIES HAS BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES. We accept no legal responsibility for the purposes for which the client uses the test results. No purchase order or other order for work shall be accepted by Lancaster Laboratories which includes any conditions that vary from the Standard Terms and Conditions, and Lancaster hereby objects to any conflicting terms contained in any acceptance or order submitted by client.

ANALYTICAL RESULTS

Prepared by:

Eurofins Lancaster Laboratories
2425 New Holland Pike
Lancaster, PA 17601

Prepared for:

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

June 18, 2013

Project: Avery Dennison / Flowery Branch, GA

Submittal Date: 06/08/2013

Group Number: 1395731

PO Number: 1-0145-4

State of Sample Origin: GA

Client Sample DescriptionSP-3 Discharge Grab Groundwater
Trip Blank WaterLancaster Labs (LLI) #7086796
7086797

The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Sample Analysis Record.

ELECTRONIC The Johnson Company, Inc.
COPY TO
ELECTRONIC The Johnson Company, Inc.
COPY TO

Attn: Glen Kirkpatrick

Attn: Tristan Hardy

Respectfully Submitted,

Wendy A. Kozma
Principal Specialist Group Leader

(717) 556-7257

Sample Description: SP-3 Discharge Grab Groundwater
Avery Dennison / Flowery Branch, GA

LLI Sample # WW 7086796
LLI Group # 1395731
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 06/06/2013 14:10 by EM

The Johnson Company, Inc.

Submitted: 06/08/2013 09:10

Suite 600

Reported: 06/18/2013 20:11

100 State Street

Montpelier VT 05602

SP3--

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles	SW-846 8260B	ug/l	ug/l	
10335	Acetone	67-64-1	40	20	1
10335	Benzene	71-43-2	< 5	5	1
10335	Bromodichloromethane	75-27-4	< 5	5	1
10335	Bromoform	75-25-2	< 5	5	1
10335	Bromomethane	74-83-9	< 5	5	1
10335	2-Butanone	78-93-3	< 10	10	1
10335	Carbon Disulfide	75-15-0	< 5	5	1
10335	Carbon Tetrachloride	56-23-5	< 5	5	1
10335	Chlorobenzene	108-90-7	< 5	5	1
10335	Chloroethane	75-00-3	< 5	5	1
10335	Chloroform	67-66-3	< 5	5	1
10335	Chloromethane	74-87-3	< 5	5	1
10335	Dibromochloromethane	124-48-1	< 5	5	1
10335	1,1-Dichloroethane	75-34-3	< 5	5	1
10335	1,2-Dichloroethane	107-06-2	< 5	5	1
10335	1,1-Dichloroethene	75-35-4	< 2	2	1
10335	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10335	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10335	1,2-Dichloropropane	78-87-5	< 5	5	1
10335	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10335	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10335	Ethylbenzene	100-41-4	< 5	5	1
10335	2-Hexanone	591-78-6	< 10	10	1
10335	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10335	Methylene Chloride	75-09-2	< 5	5	1
10335	Styrene	100-42-5	< 5	5	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10335	Tetrachloroethene	127-18-4	< 5	5	1
10335	Toluene	108-88-3	< 5	5	1
10335	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10335	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10335	Trichloroethene	79-01-6	< 5	5	1
10335	Vinyl Chloride	75-01-4	< 2	2	1
10335	Xylene (Total)	1330-20-7	< 5	5	1
GC/MS	Volatiles	SW-846 8260B SIM	ug/l	ug/l	
00527	1,4-Dioxane	123-91-1	< 2.0	2.0	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/14

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial# Batch#	Analysis Date and Time	Analyst	Dilution Factor
---------	---------------	--------	---------------	------------------------	---------	-----------------

Sample Description: SP-3 Discharge Grab Groundwater
Avery Dennison / Flowery Branch, GA

LLI Sample # WW 7086796
LLI Group # 1395731
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 06/06/2013 14:10 by EM

The Johnson Company, Inc.

Suite 600

Submitted: 06/08/2013 09:10

100 State Street

Reported: 06/18/2013 20:11

Montpelier VT 05602

SP3--

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	8260 Ext. Water Master w/GRO	SW-846 8260B	1	L131631AA	06/12/2013 11:26	Angela D Sneeringer	1
00527	1,4-Dioxane by Isotope Dil SIM	SW-846 8260B SIM	1	E131631AA	06/12/2013 16:57	Jason M Long	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L131631AA	06/12/2013 11:26	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	2	E131631AA	06/12/2013 16:57	Jason M Long	1

Sample Description: Trip Blank Water
Avery Dennison / Flowery Branch, GA

LLI Sample # WW 7086797
LLI Group # 1395731
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 06/06/2013 14:10

The Johnson Company, Inc.

Submitted: 06/08/2013 09:10

Suite 600

Reported: 06/18/2013 20:11

100 State Street

Montpelier VT 05602

SPTB1

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles	SW-846 8260B	ug/l	ug/l	
10335	Acetone	67-64-1	< 20	20	1
10335	Benzene	71-43-2	< 5	5	1
10335	Bromodichloromethane	75-27-4	< 5	5	1
10335	Bromoform	75-25-2	< 5	5	1
10335	Bromomethane	74-83-9	< 5	5	1
10335	2-Butanone	78-93-3	< 10	10	1
10335	Carbon Disulfide	75-15-0	< 5	5	1
10335	Carbon Tetrachloride	56-23-5	< 5	5	1
10335	Chlorobenzene	108-90-7	< 5	5	1
10335	Chloroethane	75-00-3	< 5	5	1
10335	Chloroform	67-66-3	< 5	5	1
10335	Chloromethane	74-87-3	< 5	5	1
10335	Dibromochloromethane	124-48-1	< 5	5	1
10335	1,1-Dichloroethane	75-34-3	< 5	5	1
10335	1,2-Dichloroethane	107-06-2	< 5	5	1
10335	1,1-Dichloroethene	75-35-4	< 2	2	1
10335	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10335	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10335	1,2-Dichloropropane	78-87-5	< 5	5	1
10335	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10335	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10335	Ethylbenzene	100-41-4	< 5	5	1
10335	2-Hexanone	591-78-6	< 10	10	1
10335	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10335	Methylene Chloride	75-09-2	< 5	5	1
10335	Styrene	100-42-5	< 5	5	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10335	Tetrachloroethene	127-18-4	< 5	5	1
10335	Toluene	108-88-3	< 5	5	1
10335	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10335	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10335	Trichloroethene	79-01-6	< 5	5	1
10335	Vinyl Chloride	75-01-4	< 2	2	1
10335	Xylene (Total)	1330-20-7	< 5	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/14

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	8260 Ext. Water Master w/GRO	SW-846 8260B	1	L131631AA	06/12/2013 10:20	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L131631AA	06/12/2013 10:20	Angela D Sneeringer	1

Quality Control Summary

Client Name: The Johnson Company, Inc.
Reported: 06/18/13 at 08:11 PM

Group Number: 1395731

Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

All Inorganic Initial Calibration and Continuing Calibration Blanks met acceptable method criteria unless otherwise noted on the Analysis Report.

Laboratory Compliance Quality Control

<u>Analysis Name</u>	<u>Blank Result</u>	<u>Blank LOQ</u>	<u>Report Units</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>LCS/LCSD Limits</u>	<u>RPD</u>	<u>RPD Max</u>
Batch number: E131631AA	Sample number(s): 7086796							
1,4-Dioxane	< 2.0	2.0	ug/l	93	110	80-123	17	30
Batch number: L131631AA	Sample number(s): 7086796-7086797							
Acetone	< 20	20.	ug/l	112		35-181		
Benzene	< 5	5.	ug/l	108		77-121		
Bromodichloromethane	< 5	5.	ug/l	104		73-120		
Bromoform	< 5	5.	ug/l	104		61-120		
Bromomethane	< 5	5.	ug/l	97		51-120		
2-Butanone	< 10	10.	ug/l	93		57-141		
Carbon Disulfide	< 5	5.	ug/l	106		68-121		
Carbon Tetrachloride	< 5	5.	ug/l	122		65-137		
Chlorobenzene	< 5	5.	ug/l	103		80-120		
Chloroethane	< 5	5.	ug/l	94		60-120		
Chloroform	< 5	5.	ug/l	115		77-122		
Chloromethane	< 5	5.	ug/l	94		54-123		
Dibromochloromethane	< 5	5.	ug/l	102		72-120		
1,1-Dichloroethane	< 5	5.	ug/l	109		79-120		
1,2-Dichloroethane	< 5	5.	ug/l	114		64-130		
1,1-Dichloroethene	< 2	2.	ug/l	118		76-124		
cis-1,2-Dichloroethene	< 5	5.	ug/l	111		80-120		
trans-1,2-Dichloroethene	< 5	5.	ug/l	113		80-120		
1,2-Dichloropropane	< 5	5.	ug/l	102		80-120		
cis-1,3-Dichloropropene	< 5	5.	ug/l	106		78-120		
trans-1,3-Dichloropropene	< 5	5.	ug/l	96		66-124		
Ethylbenzene	< 5	5.	ug/l	100		79-120		
2-Hexanone	< 10	10.	ug/l	84		59-125		
4-Methyl-2-pentanone	< 10	10.	ug/l	89		65-122		
Methylene Chloride	< 5	5.	ug/l	113		84-118		
Styrene	< 5	5.	ug/l	101		77-120		
1,1,2,2-Tetrachloroethane	< 5	5.	ug/l	91		70-129		
Tetrachloroethene	< 5	5.	ug/l	114		79-120		
Toluene	< 5	5.	ug/l	104		79-120		
1,1,1-Trichloroethane	< 5	5.	ug/l	119		66-126		
1,1,2-Trichloroethane	< 5	5.	ug/l	100		80-120		
Trichloroethene	< 5	5.	ug/l	111		80-120		
Vinyl Chloride	< 2	2.	ug/l	97		63-120		
Xylene (Total)	< 5	5.	ug/l	102		77-120		

Sample Matrix Quality Control

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: The Johnson Company, Inc.

Group Number: 1395731

Reported: 06/18/13 at 08:11 PM

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike

Background (BKG) = the sample used in conjunction with the duplicate

<u>Analysis Name</u>	<u>MS</u> <u>%REC</u>	<u>MSD</u> <u>%REC</u>	<u>MS/MSD</u> <u>Limits</u>	<u>RPD</u> <u>RPD</u>	<u>BKG</u> <u>MAX</u> <u>Conc</u>	<u>DUP</u> <u>Conc</u>	<u>DUP</u> <u>RPD</u>	<u>Dup RPD</u> <u>Max</u>
Batch number: L131631AA	Sample number(s): 7086796-7086797 UNSPK: P084055							
Acetone	94	97	33-159	3	30			
Benzene	115	115	72-134	0	30			
Bromodichloromethane	110	108	78-125	2	30			
Bromoform	108	107	48-118	1	30			
Bromomethane	106	103	47-129	3	30			
2-Butanone	87	86	57-138	1	30			
Carbon Disulfide	116	117	67-135	1	30			
Carbon Tetrachloride	139*	135	72-135	3	30			
Chlorobenzene	107	107	87-124	0	30			
Chloroethane	102	100	51-145	2	30			
Chloroform	123	120	81-134	2	30			
Chloromethane	102	98	46-137	3	30			
Dibromochloromethane	105	104	74-116	0	30			
1,1-Dichloroethane	120	119	84-129	1	30			
1,2-Dichloroethane	120	118	68-131	1	30			
1,1-Dichloroethene	131	130	75-155	1	30			
cis-1,2-Dichloroethene	119	119	80-141	0	30			
trans-1,2-Dichloroethene	126	123	81-142	3	30			
1,2-Dichloropropane	108	107	83-124	1	30			
cis-1,3-Dichloropropene	106	106	70-116	0	30			
trans-1,3-Dichloropropene	98	97	74-119	1	30			
Ethylbenzene	108	108	71-134	0	30			
2-Hexanone	82	81	55-127	1	30			
4-Methyl-2-pentanone	88	88	63-123	0	30			
Methylene Chloride	119	119	78-133	0	30			
Styrene	109	108	78-125	1	30			
1,1,2,2-Tetrachloroethane	93	94	72-128	1	30			
Tetrachloroethene	125	125	80-128	0	30			
Toluene	112	111	80-125	1	30			
1,1,1-Trichloroethane	130	130	69-140	0	30			
1,1,2-Trichloroethane	102	102	71-141	1	30			
Trichloroethene	120	120	88-133	0	30			
Vinyl Chloride	105	106	66-133	1	30			
Xylene (Total)	109	110	79-125	0	30			

Surrogate Quality Control

Surrogate recoveries which are outside of the QC window are confirmed unless attributed to dilution or otherwise noted on the Analysis Report.

Analysis Name: 1,4-Dioxane by Isotope Dil SIM

Batch number: E131631AA

Toluene-d8

7086796	94
Blank	94
LCS	94
LCSD	94

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: The Johnson Company, Inc.
Reported: 06/18/13 at 08:11 PM

Group Number: 1395731

Surrogate Quality Control

Limits: 80-120

Analysis Name: 8260 Ext. Water Master w/GRO

Batch number: L131631AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
7086796	111	105	95	94
7086797	109	105	97	96
Blank	109	106	96	96
LCS	108	102	98	99
MS	108	106	99	101
MSD	108	102	98	99

Limits: 80-116

77-113

80-113

78-113

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The unspiked result was more than four times the spike added.

Environmental Services Analysis Request/Chain of Custody



Lancaster
Laboratories

Acct. # 6556 Group # 1395731 Sample # 7086796-97

Client: The Johnson Company				Matrix			Analyses Requested								For Lab Use Only																																																																																	
Project Name/#: Avery/1-0145-4		Site ID #:		<input type="checkbox"/> Sediment <input checked="" type="checkbox"/> Ground <input type="checkbox"/> Surface <input type="checkbox"/> Potable <input type="checkbox"/> NPDES <input type="checkbox"/> Water <input type="checkbox"/> Other:			Preservation Codes								SF #: _____																																																																																	
Project Manager: Glen Kirkpatrick		P.O. #: 1-0145-4					<table border="1" style="width: 100%; height: 100%; border-collapse: collapse;"> <tr> <td style="width: 20px; text-align: center;">T</td> <td style="width: 20px;"></td> </tr> <tr> <td style="text-align: center;">EPA 8260B</td> <td style="text-align: center;">EPA 8260C</td> <td style="text-align: center;">EPA 8260D</td> <td style="text-align: center;">EPA 8260E</td> <td style="text-align: center;">EPA 8260F</td> <td style="text-align: center;">EPA 8260G</td> <td style="text-align: center;">EPA 8260H</td> <td style="text-align: center;">EPA 8260I</td> <td style="text-align: center;">EPA 8260J</td> <td style="text-align: center;">EPA 8260K</td> <td style="text-align: center;">EPA 8260L</td> <td style="text-align: center;">EPA 8260M</td> <td style="text-align: center;">EPA 8260N</td> <td style="text-align: center;">EPA 8260O</td> <td style="text-align: center;">EPA 8260P</td> <td style="text-align: center;">EPA 8260Q</td> <td style="text-align: center;">EPA 8260R</td> <td style="text-align: center;">EPA 8260S</td> <td style="text-align: center;">EPA 8260T</td> </tr> </table>								T																		EPA 8260B	EPA 8260C	EPA 8260D	EPA 8260E	EPA 8260F	EPA 8260G	EPA 8260H	EPA 8260I	EPA 8260J	EPA 8260K	EPA 8260L	EPA 8260M	EPA 8260N	EPA 8260O	EPA 8260P	EPA 8260Q	EPA 8260R	EPA 8260S	EPA 8260T	SCR #: _____																																												
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Sampler: Eric Mudd/CWS		PWSID #:													Total # of Containers VOC - 8260B 1,4 Dioxane EPA 8260J		Preservation Codes																																																																															
Phone #: 770-596-5337		Quote #:		H = HCl T = Thiosulfate N = HNO ₃ B = NaOH S = H ₂ SO ₄ P = H ₃ PO ₄ O = Other																																																																																												
State where sample(s) were collected: GA				Soil <input type="checkbox"/> Water <input type="checkbox"/> Other: <input type="checkbox"/>			Remarks																																																																																									
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Environmental Sample Administration

Receipt Documentation Log 1395731

Client/Project: The Johnson CO

Shipping Container Sealed: YES NO

Date of Receipt: 6-8-13

Custody Seal Present * : YES NO

Time of Receipt: 910

* Custody seal was intact unless otherwise noted in the discrepancy section

Source Code: SO-1

Package: Chilled Not Chilled

Temperature of Shipping Containers

Cooler #	Thermometer ID	Temperature (°C)	Temp Bottle (TB) or Surface Temp (ST)	Wet Ice (WI) or Dry Ice (DI) or Ice Packs (IP)	Ice Present? Y/N	Loose (L) Bagged Ice (B) or NA	Comments
1	D+131	0.8	TB	WI	Y	B	
2							
3							
4							
5							
6							

Number of Trip Blanks received NOT listed on chain of custody: 0

Paperwork Discrepancy/Unpacking Problems:

Rec 5 vials for sp3 2 TB's

Unpacker Signature/Emp#: Burton 2299 Date/Time: 6-8-13 1036

Issued by Dept. 6042 Management

Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

RL	Reporting Limit	BMQL	Below Minimum Quantitation Level
N.D.	none detected	MPN	Most Probable Number
TNTC	Too Numerous To Count	CP Units	cobalt-chloroplatinate units
IU	International Units	NTU	nephelometric turbidity units
umhos/cm	micromhos/cm	ng	nanogram(s)
C	degrees Celsius	F	degrees Fahrenheit
meq	milliequivalents	lb.	pound(s)
g	gram(s)	kg	kilogram(s)
µg	microgram(s)	mg	milligram(s)
mL	milliliter(s)	L	liter(s)
m3	cubic meter(s)	µL	microliter(s)
		pg/L	picogram/liter
<	less than - The number following the sign is the <u>limit of quantitation</u> , the smallest amount of analyte which can be reliably determined using this specific test.		
>	greater than		
J	estimated value – The result is \geq the Method Detection Limit (MDL) and $<$ the Limit of Quantitation (LOQ).		
ppm	parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.		
ppb	parts per billion		
Dry weight basis	Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.		

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers	Inorganic Qualifiers
A TIC is a possible aldol-condensation product	B Value is $<$ CRDL, but \geq IDL
B Analyte was also detected in the blank	E Estimated due to interference
C Pesticide result confirmed by GC/MS	M Duplicate injection precision not met
D Compound quantitated on a diluted sample	N Spike sample not within control limits
E Concentration exceeds the calibration range of the instrument	S Method of standard additions (MSA) used for calculation
N Presumptive evidence of a compound (TICs only)	U Compound was not detected
P Concentration difference between primary and confirmation columns $>$ 25%	W Post digestion spike out of control limits
U Compound was not detected	* Duplicate analysis not within control limits
X,Y,Z Defined in case narrative	+ Correlation coefficient for MSA $<$ 0.995

Analytical test results meet all requirements of NELAC unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

Times are local to the area of activity. Parameters listed in the 40 CFR part 136 Table II as "analyze immediately" are not performed within 15 minutes.

WARRANTY AND LIMITS OF LIABILITY - In accepting analytical work, we warrant the accuracy of test results for the sample as submitted. THE FOREGOING EXPRESS WARRANTY IS EXCLUSIVE AND IS GIVEN IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED. WE DISCLAIM ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING A WARRANTY OF FITNESS FOR PARTICULAR PURPOSE AND WARRANTY OF MERCHANTABILITY. IN NO EVENT SHALL LANCASTER LABORATORIES BE LIABLE FOR INDIRECT, SPECIAL, CONSEQUENTIAL, OR INCIDENTAL DAMAGES INCLUDING, BUT NOT LIMITED TO, DAMAGES FOR LOSS OF PROFIT OR GOODWILL REGARDLESS OF (A) THE NEGLIGENCE (EITHER SOLE OR CONCURRENT) OF LANCASTER LABORATORIES AND (B) WHETHER LANCASTER LABORATORIES HAS BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES. We accept no legal responsibility for the purposes for which the client uses the test results. No purchase order or other order for work shall be accepted by Lancaster Laboratories which includes any conditions that vary from the Standard Terms and Conditions, and Lancaster hereby objects to any conflicting terms contained in any acceptance or order submitted by client.

ANALYTICAL RESULTS

Prepared by:

Eurofins Lancaster Laboratories
2425 New Holland Pike
Lancaster, PA 17601

Prepared for:

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

June 24, 2013

Project: Avery Dennison / Flowery Branch, GA

Submittal Date: 06/13/2013

Group Number: 1396931

PO Number: 1-0145-4

State of Sample Origin: GA

Client Sample DescriptionSP-3 Discharge Grab Groundwater
Trip Blank WaterLancaster Labs (LLI) #7091988
7091989

The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Sample Analysis Record.

ELECTRONIC The Johnson Company, Inc.
COPY TO
ELECTRONIC The Johnson Company, Inc.
COPY TO

Attn: Glen Kirkpatrick

Attn: Tristan Hardy

Respectfully Submitted,

Wendy A. Kozma
Principal Specialist Group Leader

(717) 556-7257

Sample Description: SP-3 Discharge Grab Groundwater
Avery Dennison / Flowery Branch, GA

LLI Sample # WW 7091988
LLI Group # 1396931
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 06/11/2013 13:06 by EM

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

Submitted: 06/13/2013 09:15

Reported: 06/24/2013 18:20

SP3DS

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles SW-846 8260B			ug/l	ug/l	
10335	Acetone	67-64-1	< 20	20	1
10335	Benzene	71-43-2	< 5	5	1
10335	Bromodichloromethane	75-27-4	< 5	5	1
10335	Bromoform	75-25-2	< 5	5	1
10335	Bromomethane	74-83-9	< 5	5	1
10335	2-Butanone	78-93-3	< 10	10	1
10335	Carbon Disulfide	75-15-0	< 5	5	1
10335	Carbon Tetrachloride	56-23-5	< 5	5	1
10335	Chlorobenzene	108-90-7	< 5	5	1
10335	Chloroethane	75-00-3	< 5	5	1
10335	Chloroform	67-66-3	< 5	5	1
10335	Chloromethane	74-87-3	< 5	5	1
10335	Dibromochloromethane	124-48-1	< 5	5	1
10335	1,1-Dichloroethane	75-34-3	< 5	5	1
10335	1,2-Dichloroethane	107-06-2	< 5	5	1
10335	1,1-Dichloroethene	75-35-4	< 2	2	1
10335	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10335	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10335	1,2-Dichloropropane	78-87-5	< 5	5	1
10335	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10335	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10335	Ethylbenzene	100-41-4	< 5	5	1
10335	2-Hexanone	591-78-6	< 10	10	1
10335	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10335	Methylene Chloride	75-09-2	< 5	5	1
10335	Styrene	100-42-5	< 5	5	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10335	Tetrachloroethene	127-18-4	< 5	5	1
10335	Toluene	108-88-3	< 5	5	1
10335	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10335	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10335	Trichloroethene	79-01-6	< 5	5	1
10335	Vinyl Chloride	75-01-4	< 2	2	1
10335	Xylene (Total)	1330-20-7	< 5	5	1
GC/MS Volatiles SW-846 8260B SIM			ug/l	ug/l	
00527	1,4-Dioxane	123-91-1	< 2.0	2.0	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/14

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial# Batch#	Analysis Date and Time	Analyst	Dilution Factor
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Sample Description: SP-3 Discharge Grab Groundwater
Avery Dennison / Flowery Branch, GA

LLI Sample # WW 7091988
LLI Group # 1396931
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 06/11/2013 13:06 by EM

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

Submitted: 06/13/2013 09:15

Reported: 06/24/2013 18:20

SP3DS

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	8260 Ext. Water Master w/GRO	SW-846 8260B	1	Y131682AA	06/17/2013 23:18	Emily R Styer	1
00527	1,4-Dioxane by Isotope Dil SIM	SW-846 8260B SIM	1	E131721AA	06/21/2013 13:17	Jason M Long	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y131682AA	06/17/2013 23:18	Emily R Styer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	2	E131721AA	06/21/2013 13:17	Jason M Long	1

Sample Description: Trip Blank Water
Avery Dennison / Flowery Branch, GA

LLI Sample # WW 7091989
LLI Group # 1396931
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 06/11/2013 13:06

The Johnson Company, Inc.

Submitted: 06/13/2013 09:15

Suite 600

Reported: 06/24/2013 18:20

100 State Street

Montpelier VT 05602

TB1SP

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles	SW-846 8260B	ug/l	ug/l	
10335	Acetone	67-64-1	< 20	20	1
10335	Benzene	71-43-2	< 5	5	1
10335	Bromodichloromethane	75-27-4	< 5	5	1
10335	Bromoform	75-25-2	< 5	5	1
10335	Bromomethane	74-83-9	< 5	5	1
10335	2-Butanone	78-93-3	< 10	10	1
10335	Carbon Disulfide	75-15-0	< 5	5	1
10335	Carbon Tetrachloride	56-23-5	< 5	5	1
10335	Chlorobenzene	108-90-7	< 5	5	1
10335	Chloroethane	75-00-3	< 5	5	1
10335	Chloroform	67-66-3	< 5	5	1
10335	Chloromethane	74-87-3	< 5	5	1
10335	Dibromochloromethane	124-48-1	< 5	5	1
10335	1,1-Dichloroethane	75-34-3	< 5	5	1
10335	1,2-Dichloroethane	107-06-2	< 5	5	1
10335	1,1-Dichloroethene	75-35-4	< 2	2	1
10335	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10335	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10335	1,2-Dichloropropane	78-87-5	< 5	5	1
10335	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10335	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10335	Ethylbenzene	100-41-4	< 5	5	1
10335	2-Hexanone	591-78-6	< 10	10	1
10335	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10335	Methylene Chloride	75-09-2	< 5	5	1
10335	Styrene	100-42-5	< 5	5	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10335	Tetrachloroethene	127-18-4	< 5	5	1
10335	Toluene	108-88-3	< 5	5	1
10335	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10335	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10335	Trichloroethene	79-01-6	< 5	5	1
10335	Vinyl Chloride	75-01-4	< 2	2	1
10335	Xylene (Total)	1330-20-7	< 5	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/14

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	8260 Ext. Water Master w/GRO	SW-846 8260B	1	Y131682AA	06/17/2013 23:39	Emily R Styer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y131682AA	06/17/2013 23:39	Emily R Styer	1

Quality Control Summary

Client Name: The Johnson Company, Inc.
Reported: 06/24/13 at 06:20 PM

Group Number: 1396931

Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

All Inorganic Initial Calibration and Continuing Calibration Blanks met acceptable method criteria unless otherwise noted on the Analysis Report.

Laboratory Compliance Quality Control

<u>Analysis Name</u>	<u>Blank Result</u>	<u>Blank LOQ</u>	<u>Report Units</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>LCS/LCSD Limits</u>	<u>RPD</u>	<u>RPD Max</u>
Batch number: E131721AA	Sample number(s): 7091988							
1,4-Dioxane	< 2.0	2.0	ug/l	105	117	80-123	10	30
Batch number: Y131682AA	Sample number(s): 7091988-7091989							
Acetone	< 20	20.	ug/l	83	84	35-181	1	30
Benzene	< 5	5.	ug/l	97	96	77-121	0	30
Bromodichloromethane	< 5	5.	ug/l	93	93	73-120	0	30
Bromoform	< 5	5.	ug/l	85	86	61-120	1	30
Bromomethane	< 5	5.	ug/l	67	67	51-120	1	30
2-Butanone	< 10	10.	ug/l	91	92	57-141	1	30
Carbon Disulfide	< 5	5.	ug/l	94	93	68-121	1	30
Carbon Tetrachloride	< 5	5.	ug/l	103	102	65-137	1	30
Chlorobenzene	< 5	5.	ug/l	98	97	80-120	1	30
Chloroethane	< 5	5.	ug/l	77	77	60-120	0	30
Chloroform	< 5	5.	ug/l	99	98	77-122	0	30
Chloromethane	< 5	5.	ug/l	84	84	54-123	1	30
Dibromochloromethane	< 5	5.	ug/l	90	90	72-120	0	30
1,1-Dichloroethane	< 5	5.	ug/l	101	100	79-120	1	30
1,2-Dichloroethane	< 5	5.	ug/l	102	102	64-130	0	30
1,1-Dichloroethene	< 2	2.	ug/l	103	102	76-124	1	30
cis-1,2-Dichloroethene	< 5	5.	ug/l	95	95	80-120	0	30
trans-1,2-Dichloroethene	< 5	5.	ug/l	101	102	80-120	1	30
1,2-Dichloropropane	< 5	5.	ug/l	99	100	80-120	1	30
cis-1,3-Dichloropropene	< 5	5.	ug/l	94	94	78-120	0	30
trans-1,3-Dichloropropene	< 5	5.	ug/l	94	95	66-124	1	30
Ethylbenzene	< 5	5.	ug/l	97	97	79-120	0	30
2-Hexanone	< 10	10.	ug/l	87	88	59-125	1	30
4-Methyl-2-pentanone	< 10	10.	ug/l	87	88	65-122	1	30
Methylene Chloride	< 5	5.	ug/l	99	99	84-118	0	30
Styrene	< 5	5.	ug/l	93	92	77-120	1	30
1,1,2,2-Tetrachloroethane	< 5	5.	ug/l	96	95	70-129	1	30
Tetrachloroethene	< 5	5.	ug/l	96	96	79-120	0	30
Toluene	< 5	5.	ug/l	99	99	79-120	0	30
1,1,1-Trichloroethane	< 5	5.	ug/l	96	95	66-126	1	30
1,1,2-Trichloroethane	< 5	5.	ug/l	95	95	80-120	0	30
Trichloroethene	< 5	5.	ug/l	99	98	80-120	1	30
Vinyl Chloride	< 2	2.	ug/l	84	84	63-120	1	30
Xylene (Total)	< 5	5.	ug/l	95	95	77-120	0	30

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: The Johnson Company, Inc.
Reported: 06/24/13 at 06:20 PM

Group Number: 1396931

Surrogate Quality Control

Surrogate recoveries which are outside of the QC window are confirmed unless attributed to dilution or otherwise noted on the Analysis Report.

Analysis Name: 1,4-Dioxane by Isotope Dil SIM
Batch number: E131721AA
Toluene-d8

7091988	97
Blank	97
LCS	97
LCSD	97

Limits: 80-120

Analysis Name: 8260 Ext. Water Master w/GRO
Batch number: Y131682AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
7091988	91	91	94	89
7091989	91	91	94	89
Blank	90	91	95	90
LCS	91	91	96	92
LCSD	92	96	96	92

Limits: 80-116 77-113 80-113 78-113

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The unspiked result was more than four times the spike added.

Wendy Kozma

From: Joel Behrsing [J-B@jcomail.com]
Sent: Friday, June 14, 2013 8:35 AM
To: Wendy Kozma
Subject: FW:

Attachments: 20130613161435719.pdf



2013061316143571
9.pdf (237 KB)...

You assumed correctly no 1,4 Dioxane for the TB

Thanks - Joel

-----Original Message-----

From: Wendy Kozma [mailto:WKozma@lancasterlabs.com]
Sent: Thursday, June 13, 2013 4:17 PM
To: Tristan Hardy
Subject: FW:

I'm assuming no 1,4-Dioxane on TB for this one? Please confirm.

-----Original Message-----

From: 39Scanner@lancasterlabs.com [mailto:39Scanner@lancasterlabs.com]
Sent: Thursday, June 13, 2013 4:15 PM
To: Wendy Kozma
Subject:

This E-mail was sent from "RNP367EC2" (MP 4001/LD140).

Scan Date: 06.13.2013 16:14:35 (-0400)
Queries to: 39Scanner@lancasterlabs.com

Environmental Sample Administration

Receipt Documentation Log

1396931

Client/Project: The Johnson Co.

Shipping Container Sealed: YES NO

Date of Receipt: 6/13/13

Custody Seal Present *: YES NO

Time of Receipt: 0915

* Custody seal was intact unless otherwise noted in the discrepancy section

Source Code: 50

Package: Chilled Not Chilled

Temperature of Shipping Containers

Cooler #	Thermometer ID	Temperature (°C)	Temp Bottle (TB) or Surface Temp (ST)	Wet Ice (WI) or Dry Ice (DI) or Ice Packs (IP)	Ice Present? Y/N	Loose (L) Bagged Ice (B) or NA	Comments
1	DT131	3.3	TB	WI	Y	B	
2							
3							
4							
5							
6							

Number of Trip Blanks received NOT listed on chain of custody: 0

Paperwork Discrepancy/Unpacking Problems:

Unpacker Signature/Emp#: Pat G 3472 Date/Time: 6/13/13 1155

Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

RL	Reporting Limit	BMQL	Below Minimum Quantitation Level
N.D.	none detected	MPN	Most Probable Number
TNTC	Too Numerous To Count	CP Units	cobalt-chloroplatinate units
IU	International Units	NTU	nephelometric turbidity units
umhos/cm	micromhos/cm	ng	nanogram(s)
C	degrees Celsius	F	degrees Fahrenheit
meq	milliequivalents	lb.	pound(s)
g	gram(s)	kg	kilogram(s)
µg	microgram(s)	mg	milligram(s)
mL	milliliter(s)	L	liter(s)
m3	cubic meter(s)	µL	microliter(s)
		pg/L	picogram/liter
<	less than - The number following the sign is the <u>limit of quantitation</u> , the smallest amount of analyte which can be reliably determined using this specific test.		
>	greater than		
J	estimated value – The result is \geq the Method Detection Limit (MDL) and $<$ the Limit of Quantitation (LOQ).		
ppm	parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.		
ppb	parts per billion		
Dry weight basis	Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.		

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers	Inorganic Qualifiers
A TIC is a possible aldol-condensation product	B Value is $<$ CRDL, but \geq IDL
B Analyte was also detected in the blank	E Estimated due to interference
C Pesticide result confirmed by GC/MS	M Duplicate injection precision not met
D Compound quantitated on a diluted sample	N Spike sample not within control limits
E Concentration exceeds the calibration range of the instrument	S Method of standard additions (MSA) used for calculation
N Presumptive evidence of a compound (TICs only)	U Compound was not detected
P Concentration difference between primary and confirmation columns $>$ 25%	W Post digestion spike out of control limits
U Compound was not detected	* Duplicate analysis not within control limits
X,Y,Z Defined in case narrative	+ Correlation coefficient for MSA $<$ 0.995

Analytical test results meet all requirements of NELAC unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

Times are local to the area of activity. Parameters listed in the 40 CFR part 136 Table II as "analyze immediately" are not performed within 15 minutes.

WARRANTY AND LIMITS OF LIABILITY - In accepting analytical work, we warrant the accuracy of test results for the sample as submitted. THE FOREGOING EXPRESS WARRANTY IS EXCLUSIVE AND IS GIVEN IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED. WE DISCLAIM ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING A WARRANTY OF FITNESS FOR PARTICULAR PURPOSE AND WARRANTY OF MERCHANTABILITY. IN NO EVENT SHALL LANCASTER LABORATORIES BE LIABLE FOR INDIRECT, SPECIAL, CONSEQUENTIAL, OR INCIDENTAL DAMAGES INCLUDING, BUT NOT LIMITED TO, DAMAGES FOR LOSS OF PROFIT OR GOODWILL REGARDLESS OF (A) THE NEGLIGENCE (EITHER SOLE OR CONCURRENT) OF LANCASTER LABORATORIES AND (B) WHETHER LANCASTER LABORATORIES HAS BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES. We accept no legal responsibility for the purposes for which the client uses the test results. No purchase order or other order for work shall be accepted by Lancaster Laboratories which includes any conditions that vary from the Standard Terms and Conditions, and Lancaster hereby objects to any conflicting terms contained in any acceptance or order submitted by client.

ATTACHMENT 3

OPERATOR SITE VISIT LOG
MULTIPHASE EXTRACTION AND GROUNDWATER TREATMENT SYSTEM
AVERY DENNISON FACILITY
FLOWERY BRANCH, GEORGIA

ADVANCED OXIDATION SYSTEM

HYDROGEN PEROXIDE (H₂O₂) SYSTEM:

H₂O₂ Storage Tank Inventory 39 inches

Pressure @ PI-600 44 PSIG; Pressure @ PI-601 46 PSIG

* H₂O₂ Metering Pump 8.2 % speed M a -

REACTOR SYSTEM:

Pressure @ PI-101 20 PSIG; Pressure @ PI-102 18 PSIG

Flow meter FE-100 Rate 7.0 gpm;

Pressure @ PI-201 6 PSIG; Pressure @ PI-202 ²⁰⁰9 PSIG

Feed Tank: Condition 900 d Tank Inventory 115 gallons (approximate)

CHILLER SYSTEM

Pressure @ PI-500 35 PSIG; Pressure @ PI-501 33 PSIG

Temperature @ TI-500 60 °F; Flow @ FI-500 1.3 gpm

Fluid outlet pressure: 35 PSIG

OZONE GENERATOR SYSTEM

Pressure @ PI-350 59 PSIG; Pressure @ PI-351 38 PSIG

Pressure @ PI-400 35 PSIG; Pressure @ PI-401 20 PSIG

LIQUID OXYGEN (LOX) SYSTEM

Active Cylinder Left or Right (circle one) Pressure 200 PSIG

Standby Cylinder Left or Right (circle one) Pressure 200 PSIG

Line Pressure 60 PSIG

Left Cylinder Inventory 3/4

Right Cylinder Inventory 50 (1/2)

SYSTEM DISCHARGE

Totalizer Reading: 47857 gallons

Flow Rate Reading: 7.4 gallons per minute

OPERATOR SITE VISIT LOG
MULTIPHASE EXTRACTION AND GROUNDWATER TREATMENT SYSTEM
AVERY DENNISON FACILITY
FLOWERY BRANCH, GEORGIA

COMMENTS

SP1 pH = 7.31

SP2 pH = 7.31

SP3 pH = 7.11

\\server02\projects\1-0145-4\Remediation\o&m\051713 combined MPE & AOP form.doc

SAMPLE COLLECTION AND FIELD MEASUREMENTS LOG
MULTIPHASE EXTRACTION AND GROUNDWATER TREATMENT SYSTEM
AVERY DENNISON FACILITY
FLOWERY BRANCH, GEORGIA

SYSTEM GROUNDWATER SAMPLE COLLECTION

SAMPLE LOCATION/ID	SAMPLE POINT ID	TARGET ANALYTES	ANALYTICAL LAB	DATE/TIME SAMPLED	SAMPLER
Air stripper feed water - discharge from feed pump	SP-1	VOC long list via EPA 8260B (Grab)	Lancaster Labs	5-30-13 9:30	EM
Treated water from air stripper sump, influent to AOP	SP-2	VOC long list via EPA 8260B (Grab) 1,4 Dioxane via EPA 8260B SIM (Grab)	Lancaster Labs	5-30-13 9:35	EM
Treated discharge from AOP	SP-3	VOC long list via EPA 8260B (Grab) 1,4 Dioxane via EPA 8260B SIM (grab) pH via SM 4500 HB (grab)	Lancaster Labs (Field Measurement)	5-30-13 9:40	EM DW

Notes:

- 1) Samples collected for analysis of VOC long list via method EPA 8260 B should be collected using 3 unpreserved 40-ml glass vials.
- 2) Samples collected for analysis of 1,4-dioxane via EPA 8260B SIM should be collected using 2 40-mL glass vials pre-preserved with hydrochloric acid (HCl).
- 3) The sample collected from the discharge sampling location (SP-3) should be shipped to the laboratory under its own chain-of-custody form. The analytical laboratory will prepare a separate report for samples collected SP-3.

SAMPLE COLLECTION AND FIELD MEASUREMENTS LOG
MULTIPHASE EXTRACTION AND GROUNDWATER TREATMENT SYSTEM
AVERY DENNISON FACILITY
FLOWERY BRANCH, GEORGIA

SYSTEM GROUNDWATER FIELD MEASUREMENTS

SAMPLE LOCATION/ID	SAMPLE POINT ID	TARGET ANALYTE AND METHOD	UNITS	RESULT	SAMPLER
Treated discharge from AOP	SP-3	Dissolved Ozone Concentration via Hach Colorimetric Test Kit.	Parts per million (ppm / mg/L)	1.7 mg/L	DW
Treated discharge from AOP	SP-3	Hydrogen Peroxide Concentration via Test Strips	Parts per million (ppm / mg/L)	2 mg/L	DW
Treated discharge from AOP	SP-3	pH via calibrated field meter provided by Complete Water Services	Standard Units (s.u.)	7.31	DW
Air stripper feed water - discharge from feed pump	SP-2	pH via calibrated field meter provided by Complete Water Services	Standard Units (s.u.)	7.31	DW
Treated water from air stripper sump, influent to AOP	SP-1	pH via calibrated field meter provided by Complete Water Services	Standard Units (s.u.)	7.11	DW

K:\1-0145-4\Remediation\0&2m\Sample Collection Log.docx

Send Completed Forms to The Johnson Company, Attn: Pat Smart Fax: (802) 229-5876; pcs@jcomail.com

Page 1 of 2

OPERATOR SITE VISIT LOG
MULTIPHASE EXTRACTION AND GROUNDWATER TREATMENT SYSTEM
AVERY DENNISON FACILITY
FLOWERY BRANCH, GEORGIA

OPERATOR: EM / DW License #: WW3-014717 Date: 6-6-13

TIME ON/OFF SITE: 1:00 - 3:50 pm

PURPOSE OF INSPECTION: (circle the appropriate condition):

- Routine Sampling Event Upset Condition¹ Modified Operation¹ Other¹

Note: ¹Describe in comments section

LIQUID RING PUMP SYSTEM:

Vacuum at Air/Water Separator 8 inch Hg
Vacuum at LR pump 20 inch Hg; Temperature at LR Pump 140 °F
LR Pump Outlet Filter Pressure 1.5 PSIG; LR Pump Oil Level 3/4 low
LR Pump Stack Temperature 115 °F; LR Pump Stack Differential Pressure 1 inch H₂O
Dilution Air Flow Rate 10 scfm; Dilution Valve Position 45 % open
A/W transfer pump discharge pressure 0.5 PSIG
Flow meter FM-1 Rate 9 gpm; Total Flow 246875 gallons

EQUALIZATION TANK

Condition good Tank Inventory 3,600 gallons (approximate)

AIR STRIPPER SYSTEM

Condition good Sump Water Level 7 (inches)
AS feed pump discharge pressure: 0.15 PSIG
Flow Meter FM-2 Rate: 7.5 gpm Total Flow: 116500 gallons
AS Stack Differential Pressure 7 inch H₂O; AS Blower damper 10 % open
~~AS transfer pump discharge pressure: _____ PSIG~~

POWER USE METER

Power Use: 119539 (Kilowatt Hours)

OPERATOR SITE VISIT LOG
MULTIPHASE EXTRACTION AND GROUNDWATER TREATMENT SYSTEM
AVERY DENNISON FACILITY
FLOWERY BRANCH, GEORGIA

ADVANCED OXIDATION SYSTEM

HYDROGEN PEROXIDE (H₂O₂) SYSTEM:

H₂O₂ Storage Tank Inventory 37 inches
Pressure @ PI-600 44 PSIG; Pressure @ PI-601 44 PSIG
H₂O₂ Metering Pump 8.2 ^{M.A.} % speed

REACTOR SYSTEM:

Pressure @ PI-101 26 PSIG; Pressure @ PI-102 23 PSIG
Flow meter FE-100 Rate 9.3 gpm;
Pressure @ PI-201 12 PSIG; Pressure @ PI-202 6 PSIG
Feed Tank: Condition good Tank Inventory 190 gallons (approximate)

CHILLER SYSTEM

Pressure @ PI-500 ~~68~~ 35 PSIG; Pressure @ PI-501 32 PSIG
Temperature @ TI-500 68 °F; Flow @ FI-500 6 gpm
Fluid outlet pressure: 15 PSIG

OZONE GENERATOR SYSTEM

Pressure @ PI-350 58 PSIG; Pressure @ PI-351 38 PSIG
Pressure @ PI-400 26 PSIG; Pressure @ PI-401 23 PSIG

LIQUID OXYGEN (LOX) SYSTEM

Active Cylinder Left or Right Pressure 170 PSIG
(circle one)
Standby Cylinder Left or Right Pressure 170 PSIG
(circle one)
Line Pressure 1750 PSIG

Left Cylinder Inventory 3/11 full Right Cylinder Inventory 1/2

SYSTEM DISCHARGE
Totalizer Reading: 114249
11426 gallons

Flow Rate Reading: 8.3 gallons per minute

OPERATOR SITE VISIT LOG
MULTIPHASE EXTRACTION AND GROUNDWATER TREATMENT SYSTEM
AVERY DENNISON FACILITY
FLOWERY BRANCH, GEORGIA

COMMENTS SP-1 pH = 7.36
SP-2 pH = 7.45
SP-3 pH = 7.23

Lost Field measurements in transit or
at Fed Ex. My apologies.

Eric

\\server02\projects\1-0145-4\Remediation\o&m\051713 combined MPE & AOP form.doc

OPERATOR SITE VISIT LOG
MULTIPHASE EXTRACTION AND GROUNDWATER TREATMENT SYSTEM
AVERY DENNISON FACILITY
FLOWERY BRANCH, GEORGIA

OPERATOR: Em / DW

License #: ww3-014717 Date: 6-11-13

TIME ON/OFF SITE: 1:00-3:00pm

PURPOSE OF INSPECTION: (circle the appropriate condition):

Routine

Sampling Event

Upset Condition¹

Modified Operation¹

Other¹

Note: ¹Describe in comments section

LIQUID RING PUMP SYSTEM:

Vacuum at Air/Water Separator 7 inch Hg

Vacuum at LR pump 17 inch Hg; Temperature at LR Pump 150 °F

LR Pump Outlet Filter Pressure 100 PSIG; LR Pump Oil Level 3/4 Low

LR Pump Stack Temperature 150 °F; LR Pump Stack Differential Pressure 0.1 inch H₂O

Dilution Air Flow Rate 9 scfm; Dilution Valve Position 52 % open

A/W transfer pump discharge pressure -.4 PSIG

Flow meter FM-1 Rate 9 gpm; Total Flow 274540 gallons

EQUALIZATION TANK

Condition good Tank Inventory 3600 gallons (approximate)

AIR STRIPPER SYSTEM

Condition good Sump Water Level 8 (inches)

AS feed pump discharge pressure: .15 PSIG

Flow Meter FM-2 Rate: 8 gpm Total Flow: 154900 gallons

AS Stack Differential Pressure 1 inch H₂O; AS Blower damper 9 % open

~~AS transfer pump discharge pressure: _____ PSIG~~

POWER USE METER

Power Use: 121230 (Kilowatt Hours)



Avery Dennison Corporation
Environmental, Health & Safety
130 Walnut Street
Douglas, MA 01516 USA
Office: 508/476 5041
Fax: 508/476-5159

October 10, 2013

Georgia Environmental Protection Division
Wastewater Regulatory Program
4220 International Parkway, Suite 101
Atlanta, Georgia 30354-2830

Re: NPDES Permit #GAP050282
Groundwater Treatment System: Avery Dennison Facility, Flowery Branch, GA
Operation Monitoring Report: Period Ending 09/30/2013 (Q3 2013)

ATTN: Data Clerk

This letter and its attachments constitute the Industrial Wastewater Operation Monitoring Report (OMR) for the above referenced treatment system (the System) for the period July 1, 2013 to September 30, 2013 (Q3 2013). *Attachment 1* provides the Discharge Monitoring Report form (the DMR); *Attachment 2* provides the associated laboratory analytical reports; and *Attachment 3* provides Operator field forms, including effluent pH measurements recorded with a calibrated field instrument.

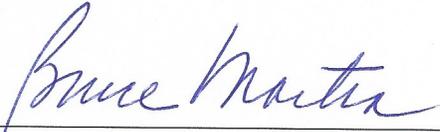
The monthly average daily flow presented in *Attachment 1* is the calculated average daily flow from the month with the highest recorded total flow, which is August 2013 (i.e., the total flow for August divided by the number of days the system was in operation during that month). The maximum daily flow during Q3 2013, 14,534 gallons on September 24th, is below the permitted discharge volume of 15,000 gallons per day.

As specified in the permit, a minimum of two discharge sampling events occurred during the second and third full months of operation: July and August of 2013. The permit specifies quarterly discharge sampling thereafter; thus, no sampling events occurred in September. Grab samples were collected for analysis of VOCs and pH was measured with a calibrated field instrument on the following dates:

- July 2nd
- July 11th
- July 16th
- August 1st
- August 14th

No analytes named on the United States Environmental Protection Agency (EPA) Total Toxic Organics (TTO) list, as presented in 40 CFR §433.11(e), were detected in any of the effluent samples analyzed during the operational period.

Sincerely,

A handwritten signature in blue ink that reads "Bruce Martin". The signature is written in a cursive style and is positioned above a horizontal line.

Bruce Martin
Manager, Corporate Remediation Services

cc: Jimmy Dean, Superintendent Water & Sewer Department – Flowery Branch

ATTACHMENT 1

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

NAME: AVERY DENNISON CORP
ADDRESS: 130 WALNUT ST
DOUGLAS, MA 01516
FACILITY: AVERY DENNISON
LOCATION: 4350 AVERY DRIVE
FLOWERY BRANCH, GA 30542-2830

GAP050282	00A-1
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD	
MM/DD/YYYY	MM/DD/YYYY
07/01/2013	9/30/2013
FROM	TO

DMR Mailing ZIP CODE: 30542-2830
MINOR (SUBR IP) JENN
DISCH # 001
External Outfall

No Discharge

PARAMETER	QUANTITY OR LOADING			QUALITY OR CONCENTRATION			NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
	VALUE	VALUE	UNITS	VALUE	VALUE	UNITS			
pH	*****	*****	*****	6.48	*****	*****	0	SU	GRAB
00400 1 0 Effluent Gross	*****	*****	*****	MINIMUM	*****	MAXIMUM	0	SU	GRAB
Flow, in conduit or thru treatment plant	0.0124	0.0145	MGD	*****	*****	*****	0	*****	*****
50050 1 0 Effluent Gross	Req. Mon. MO AVG	.015 DAILY MX	MGD	*****	*****	*****	0	*****	CONTIN
Total toxic organics (TTO) (40 CFR433)	0.0	0.0	lb/d	*****	*****	*****	0	*****	*****
78224 1 0 Effluent Gross	MO AVG	.53 DAILY MX	lb/d	*****	*****	*****	0	*****	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I certify, under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted, that the information submitted is true, accurate, and complete, and that I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		
Bruce Martin/Manager of Environmental Remediation Systems	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE (508) 476-5041	DATE MM/DD/YYYY
TYPED OR PRINTED	AREA CODE	NUMBER	

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

ATTACHMENT 2

ANALYTICAL RESULTS

Prepared by:

Eurofins Lancaster Laboratories Environmental
2425 New Holland Pike
Lancaster, PA 17601

Prepared for:

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

July 17, 2013

Project: Avery Dennison / Flowery Branch, GA

Submittal Date: 07/06/2013
Group Number: 1402189
PO Number: 1-0145-4
State of Sample Origin: GA

Client Sample Description

SP-3 Discharge Grab Groundwater
Trip Blank Water

Lancaster Labs (LL) #

7119217
7119218

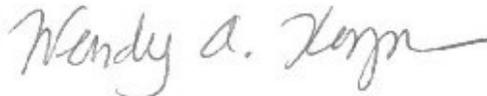
The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Sample Analysis Record.

ELECTRONIC The Johnson Company, Inc.
COPY TO
ELECTRONIC The Johnson Company, Inc.
COPY TO

Attn: Glen Kirkpatrick

Attn: Tristan Hardy

Respectfully Submitted,



Wendy A. Kozma
Principal Specialist Group Leader

(717) 556-7257

Sample Description: SP-3 Discharge Grab Groundwater
Avery Dennison / Flowery Branch, GA

LL Sample # WW 7119217
LL Group # 1402189
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 07/02/2013 13:15 by EM

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

Submitted: 07/06/2013 09:30

Reported: 07/17/2013 17:36

ASP3D

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles SW-846 8260B			ug/l	ug/l	
10335	Acetone	67-64-1	< 20	20	1
10335	Benzene	71-43-2	< 5	5	1
10335	Bromodichloromethane	75-27-4	< 5	5	1
10335	Bromoform	75-25-2	< 5	5	1
10335	Bromomethane	74-83-9	< 5	5	1
10335	2-Butanone	78-93-3	< 10	10	1
10335	Carbon Disulfide	75-15-0	< 5	5	1
10335	Carbon Tetrachloride	56-23-5	< 5	5	1
10335	Chlorobenzene	108-90-7	< 5	5	1
10335	Chloroethane	75-00-3	< 5	5	1
10335	Chloroform	67-66-3	< 5	5	1
10335	Chloromethane	74-87-3	< 5	5	1
10335	Dibromochloromethane	124-48-1	< 5	5	1
10335	1,1-Dichloroethane	75-34-3	< 5	5	1
10335	1,2-Dichloroethane	107-06-2	< 5	5	1
10335	1,1-Dichloroethene	75-35-4	< 2	2	1
10335	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10335	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10335	1,2-Dichloropropane	78-87-5	< 5	5	1
10335	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10335	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10335	Ethylbenzene	100-41-4	< 5	5	1
10335	2-Hexanone	591-78-6	< 10	10	1
10335	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10335	Methylene Chloride	75-09-2	< 5	5	1
10335	Styrene	100-42-5	< 5	5	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10335	Tetrachloroethene	127-18-4	< 5	5	1
10335	Toluene	108-88-3	< 5	5	1
10335	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10335	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10335	Trichloroethene	79-01-6	< 5	5	1
10335	Vinyl Chloride	75-01-4	< 2	2	1
10335	Xylene (Total)	1330-20-7	< 5	5	1
GC/MS Volatiles SW-846 8260B SIM			ug/l	ug/l	
00527	1,4-Dioxane	123-91-1	< 2.0	2.0	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/14

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial# Batch#	Analysis Date and Time	Analyst	Dilution Factor
---------	---------------	--------	---------------	------------------------	---------	-----------------

Sample Description: SP-3 Discharge Grab Groundwater
Avery Dennison / Flowery Branch, GA

LL Sample # WW 7119217
LL Group # 1402189
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 07/02/2013 13:15 by EM

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

Submitted: 07/06/2013 09:30

Reported: 07/17/2013 17:36

ASP3D

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	8260 Ext. Water Master w/GRO	SW-846 8260B	1	T131892AA	07/09/2013 00:28	Sara E Johnson	1
00527	1,4-Dioxane by Isotope Dil SIM	SW-846 8260B SIM	1	E131961AA	07/15/2013 12:53	Jason M Long	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	T131892AA	07/09/2013 00:28	Sara E Johnson	1
01163	GC/MS VOA Water Prep	SW-846 5030B	2	E131961AA	07/15/2013 12:53	Jason M Long	1

Sample Description: Trip Blank Water
Avery Dennison / Flowery Branch, GA

LL Sample # WW 7119218
LL Group # 1402189
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 07/02/2013 13:15

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

Submitted: 07/06/2013 09:30

Reported: 07/17/2013 17:36

ADTV-

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles	SW-846 8260B	ug/l	ug/l	
10335	Acetone	67-64-1	< 20	20	1
10335	Benzene	71-43-2	< 5	5	1
10335	Bromodichloromethane	75-27-4	< 5	5	1
10335	Bromoform	75-25-2	< 5	5	1
10335	Bromomethane	74-83-9	< 5	5	1
10335	2-Butanone	78-93-3	< 10	10	1
10335	Carbon Disulfide	75-15-0	< 5	5	1
10335	Carbon Tetrachloride	56-23-5	< 5	5	1
10335	Chlorobenzene	108-90-7	< 5	5	1
10335	Chloroethane	75-00-3	< 5	5	1
10335	Chloroform	67-66-3	< 5	5	1
10335	Chloromethane	74-87-3	< 5	5	1
10335	Dibromochloromethane	124-48-1	< 5	5	1
10335	1,1-Dichloroethane	75-34-3	< 5	5	1
10335	1,2-Dichloroethane	107-06-2	< 5	5	1
10335	1,1-Dichloroethene	75-35-4	< 2	2	1
10335	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10335	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10335	1,2-Dichloropropane	78-87-5	< 5	5	1
10335	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10335	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10335	Ethylbenzene	100-41-4	< 5	5	1
10335	2-Hexanone	591-78-6	< 10	10	1
10335	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10335	Methylene Chloride	75-09-2	< 5	5	1
10335	Styrene	100-42-5	< 5	5	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10335	Tetrachloroethene	127-18-4	< 5	5	1
10335	Toluene	108-88-3	< 5	5	1
10335	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10335	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10335	Trichloroethene	79-01-6	< 5	5	1
10335	Vinyl Chloride	75-01-4	< 2	2	1
10335	Xylene (Total)	1330-20-7	< 5	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/14

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	8260 Ext. Water Master w/GRO	SW-846 8260B	1	T131892AA	07/08/2013 23:16	Sara E Johnson	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	T131892AA	07/08/2013 23:16	Sara E Johnson	1

Quality Control Summary

Client Name: The Johnson Company, Inc.
Reported: 07/17/13 at 05:36 PM

Group Number: 1402189

Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

All Inorganic Initial Calibration and Continuing Calibration Blanks met acceptable method criteria unless otherwise noted on the Analysis Report.

Laboratory Compliance Quality Control

<u>Analysis Name</u>	<u>Blank Result</u>	<u>Blank LOQ</u>	<u>Report Units</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>LCS/LCSD Limits</u>	<u>RPD</u>	<u>RPD Max</u>
Batch number: E131961AA	Sample number(s): 7119217							
1,4-Dioxane	< 2.0	2.0	ug/l	108	110	80-123	2	30
Batch number: T131892AA	Sample number(s): 7119217-7119218							
Acetone	< 20	20.	ug/l	112		35-181		
Benzene	< 5	5.	ug/l	103		77-121		
Bromodichloromethane	< 5	5.	ug/l	93		73-120		
Bromoform	< 5	5.	ug/l	84		61-120		
Bromomethane	< 5	5.	ug/l	74		51-120		
2-Butanone	< 10	10.	ug/l	94		57-141		
Carbon Disulfide	< 5	5.	ug/l	80		68-121		
Carbon Tetrachloride	< 5	5.	ug/l	105		65-137		
Chlorobenzene	< 5	5.	ug/l	98		80-120		
Chloroethane	< 5	5.	ug/l	61		60-120		
Chloroform	< 5	5.	ug/l	104		77-122		
Chloromethane	< 5	5.	ug/l	88		54-123		
Dibromochloromethane	< 5	5.	ug/l	93		72-120		
1,1-Dichloroethane	< 5	5.	ug/l	102		79-120		
1,2-Dichloroethane	< 5	5.	ug/l	102		64-130		
1,1-Dichloroethene	< 2	2.	ug/l	94		76-124		
cis-1,2-Dichloroethene	< 5	5.	ug/l	105		80-120		
trans-1,2-Dichloroethene	< 5	5.	ug/l	108		80-120		
1,2-Dichloropropane	< 5	5.	ug/l	103		80-120		
cis-1,3-Dichloropropene	< 5	5.	ug/l	97		78-120		
trans-1,3-Dichloropropene	< 5	5.	ug/l	89		66-124		
Ethylbenzene	< 5	5.	ug/l	94		79-120		
2-Hexanone	< 10	10.	ug/l	68		59-125		
4-Methyl-2-pentanone	< 10	10.	ug/l	78		65-122		
Methylene Chloride	< 5	5.	ug/l	102		84-118		
Styrene	< 5	5.	ug/l	99		77-120		
1,1,2,2-Tetrachloroethane	< 5	5.	ug/l	104		70-129		
Tetrachloroethene	< 5	5.	ug/l	96		79-120		
Toluene	< 5	5.	ug/l	101		79-120		
1,1,1-Trichloroethane	< 5	5.	ug/l	101		66-126		
1,1,2-Trichloroethane	< 5	5.	ug/l	100		80-120		
Trichloroethene	< 5	5.	ug/l	100		80-120		
Vinyl Chloride	< 2	2.	ug/l	77		63-120		
Xylene (Total)	< 5	5.	ug/l	96		77-120		

Sample Matrix Quality Control

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: The Johnson Company, Inc.

Group Number: 1402189

Reported: 07/17/13 at 05:36 PM

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

<u>Analysis Name</u>	<u>MS</u> <u>%REC</u>	<u>MSD</u> <u>%REC</u>	<u>MS/MSD</u> <u>Limits</u>	<u>RPD</u> <u>RPD</u>	<u>BKG</u> <u>MAX</u> <u>Conc</u>	<u>DUP</u> <u>Conc</u>	<u>DUP</u> <u>RPD</u>	<u>Dup</u> <u>RPD</u> <u>Max</u>
Batch number: T131892AA	Sample number(s): 7119217-7119218 UNSPK: P112431							
Acetone	109	108	33-159	1	30			
Benzene	105	103	72-134	1	30			
Bromodichloromethane	97	93	78-125	4	30			
Bromoform	85	82	48-118	3	30			
Bromomethane	83	76	47-129	9	30			
2-Butanone	94	91	57-138	3	30			
Carbon Disulfide	92	84	67-135	9	30			
Carbon Tetrachloride	121	116	72-135	4	30			
Chlorobenzene	99	98	87-124	1	30			
Chloroethane	71	65	51-145	10	30			
Chloroform	111	106	81-134	4	30			
Chloromethane	103	93	46-137	11	30			
Dibromochloromethane	92	91	74-116	2	30			
1,1-Dichloroethane	108	103	84-129	4	30			
1,2-Dichloroethane	111	103	68-131	7	30			
1,1-Dichloroethene	103	100	75-155	2	30			
cis-1,2-Dichloroethene	108	105	80-141	3	30			
trans-1,2-Dichloroethene	114	111	81-142	3	30			
1,2-Dichloropropane	105	101	83-124	3	30			
cis-1,3-Dichloropropene	98	96	70-116	3	30			
trans-1,3-Dichloropropene	90	89	74-119	1	30			
Ethylbenzene	98	97	71-134	1	30			
2-Hexanone	67	66	55-127	1	30			
4-Methyl-2-pentanone	75	74	63-123	1	30			
Methylene Chloride	104	100	78-133	4	30			
Styrene	101	99	78-125	2	30			
1,1,2,2-Tetrachloroethane	98	96	72-128	3	30			
Tetrachloroethene	98	97	80-128	0	30			
Toluene	102	100	80-125	2	30			
1,1,1-Trichloroethane	115	109	69-140	5	30			
1,1,2-Trichloroethane	97	96	71-141	1	30			
Trichloroethene	110	106	88-133	4	30			
Vinyl Chloride	88	80	66-133	9	30			
Xylene (Total)	101	99	79-125	3	30			

Surrogate Quality Control

Surrogate recoveries which are outside of the QC window are confirmed unless attributed to dilution or otherwise noted on the Analysis Report.

Analysis Name: 1,4-Dioxane by Isotope Dil SIM
Batch number: E131961AA
Toluene-d8

7119217	97
Blank	97
LCS	97
LCSD	97

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: The Johnson Company, Inc.
Reported: 07/17/13 at 05:36 PM

Group Number: 1402189

Surrogate Quality Control

Limits: 80-120

Analysis Name: 8260 Ext. Water Master w/GRO

Batch number: T131892AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
7119217	107	103	102	102
7119218	106	102	101	100
Blank	103	106	101	99
LCS	102	106	97	100
MS	106	102	99	105
MSD	103	105	102	104

Limits: 80-116

77-113

80-113

78-113

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The unspiked result was more than four times the spike added.

Environmental Analysis Request/Chain of Custody



Lancaster Laboratories

Acct. # 6556 For Eurofins Lancaster Laboratories use only
 Group # 1402189 Sample # 7119217-18
Instructions on reverse side correspond with circled numbers.

COC #324863

1 Client Information				4 Matrix				5 Analysis Requested												For Lab Use Only								
Client: <u>The Johnson Company</u>		Acct. #:		Sediment <input type="checkbox"/> Potable <input type="checkbox"/> Ground <input checked="" type="checkbox"/> NPDES <input type="checkbox"/> Surface <input type="checkbox"/> Water <input type="checkbox"/> Other:	Soil <input type="checkbox"/> Composite <input type="checkbox"/> Grab <input type="checkbox"/>	Total # of Containers <u>VOC - EPA 8260 B</u> <u>1,4 Dioxane - " "</u>	Preservation Codes												FSC: _____	SCR#: _____								
Project Name#: <u>Avery/1-0145-4</u>		PWSID #:					<table border="1" style="width: 100%; height: 100%; border-collapse: collapse;"> <tr> <th colspan="2">Preservation Codes</th> </tr> <tr> <td>H=HCl</td> <td>T=Thiosulfate</td> </tr> <tr> <td>N=HNO₃</td> <td>B=NaOH</td> </tr> <tr> <td>S=H₂SO₄</td> <td>O=Other</td> </tr> </table>												Preservation Codes		H=HCl	T=Thiosulfate	N=HNO ₃	B=NaOH	S=H ₂ SO ₄	O=Other	6 Remarks	
Preservation Codes																												
H=HCl	T=Thiosulfate																											
N=HNO ₃	B=NaOH																											
S=H ₂ SO ₄	O=Other																											
Project Manager: <u>Glen Kirkpatrick</u>		P.O. #: <u>1-0145-4</u>																										
Sampler: <u>Eric Mudd / CWS</u>		Quote #:																										
Name of state where samples were collected: <u>GA</u>																												
2 Sample Identification			3 Collected																									
			Date	Time																								
<u>SP-3 Discharge</u>			<u>7-2-13</u>	<u>1:15p</u>	<input checked="" type="checkbox"/>																							
<u>Trip Blanks</u>			<u>7-2-13</u>	<u>1:15p</u>	<input checked="" type="checkbox"/>																							
7 Turnaround Time (TAT) Requested (please circle) (Standard) <u>Standard</u> Rush (Rush TAT is subject to Lancaster Laboratories approval and surcharge.) Date results are needed: _____ E-mail address: _____				Relinquished by <u>Eric Mudd</u>				Date	Time	Received by				Date	Time	9												
				Relinquished by				Date	Time	Received by				Date	Time													
				Relinquished by				Date	Time	Received by				Date	Time													
				Relinquished by				Date	Time	Received by				Date	Time													
				Relinquished by				Date	Time	Received by <u>Pat G...</u>				Date	Time													
8 Data Package Options (circle if required) Type I (Validation/non-CLP) Type VI (Raw Data Only) Type III (Reduced non-CLP) TX TRRP-13 Type IV (CLP SOW) MA MCP CT RCP				EDD Required? Yes No				Relinquished by Commercial Carrier:																				
				If yes, format: _____				UPS _____ FedEx <input checked="" type="checkbox"/> Other _____				Temperature upon receipt <u>1.3</u> °C																
				Site-Specific QC (MS/MSD/Dup)? Yes No				(If yes, indicate QC sample and submit triplicate sample volume.)																				

Environmental Sample Administration
Receipt Documentation Log

Client/Project: The Johnson Co.

Shipping Container Sealed: YES NO

Date of Receipt: 7/6/13

Custody Seal Present *: YES NO

Time of Receipt: 0930

* Custody seal was intact unless otherwise noted in the discrepancy section

Source Code: 50

Package: Chilled Not Chilled

Temperature of Shipping Containers							
Cooler #	Thermometer ID	Temperature (°C)	Temp Bottle (TB) or Surface Temp (ST)	Wet Ice (WI) or Dry Ice (DI) or Ice Packs (IP)	Ice Present? Y/N	Loose (L) Bagged Ice (B) or NA	Comments
1	DT131	1.3	TB	WI	y	① 16 7/6/13 B L	
2							
3							
4							
5							
6							

Number of Trip Blanks received NOT listed on chain of custody: 0

Paperwork Discrepancy/Unpacking Problems:

Rec'd 2 vials for sp-2 broken.

Rec'd only 5 vials for samples SP-2 and SP-3.

Unpacker Signature/Emp#: Pat G 3472 Date/Time: 7/6/13 1121

Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

RL	Reporting Limit	BMQL	Below Minimum Quantitation Level
N.D.	none detected	MPN	Most Probable Number
TNTC	Too Numerous To Count	CP Units	cobalt-chloroplatinate units
IU	International Units	NTU	nephelometric turbidity units
umhos/cm	micromhos/cm	ng	nanogram(s)
C	degrees Celsius	F	degrees Fahrenheit
meq	milliequivalents	lb.	pound(s)
g	gram(s)	kg	kilogram(s)
µg	microgram(s)	mg	milligram(s)
mL	milliliter(s)	L	liter(s)
m³	cubic meter(s)	µL	microliter(s)
		pg/L	picogram/liter

< less than - The number following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably determined using this specific test.

> greater than

ppm parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

Data Qualifiers:

C – result confirmed by reanalysis.

J - estimated value – The result is \geq the Method Detection Limit (MDL) and $<$ the Limit of Quantitation (LOQ).

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers

- A** TIC is a possible aldol-condensation product
- B** Analyte was also detected in the blank
- C** Pesticide result confirmed by GC/MS
- D** Compound quantitated on a diluted sample
- E** Concentration exceeds the calibration range of the instrument
- N** Presumptive evidence of a compound (TICs only)
- P** Concentration difference between primary and confirmation columns $>25\%$
- U** Compound was not detected
- X,Y,Z** Defined in case narrative

Inorganic Qualifiers

- B** Value is $<$ CRDL, but \geq IDL
- E** Estimated due to interference
- M** Duplicate injection precision not met
- N** Spike sample not within control limits
- S** Method of standard additions (MSA) used for calculation
- U** Compound was not detected
- W** Post digestion spike out of control limits
- *** Duplicate analysis not within control limits
- +** Correlation coefficient for MSA <0.995

Analytical test results meet all requirements of NELAC unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

Times are local to the area of activity. Parameters listed in the 40 CFR part 136 Table II as “analyze immediately” are not performed within 15 minutes.

WARRANTY AND LIMITS OF LIABILITY - In accepting analytical work, we warrant the accuracy of test results for the sample as submitted. THE FOREGOING EXPRESS WARRANTY IS EXCLUSIVE AND IS GIVEN IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED. WE DISCLAIM ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING A WARRANTY OF FITNESS FOR PARTICULAR PURPOSE AND WARRANTY OF MERCHANTABILITY. IN NO EVENT SHALL EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL, LLC BE LIABLE FOR INDIRECT, SPECIAL, CONSEQUENTIAL, OR INCIDENTAL DAMAGES INCLUDING, BUT NOT LIMITED TO, DAMAGES FOR LOSS OF PROFIT OR GOODWILL REGARDLESS OF (A) THE NEGLIGENCE (EITHER SOLE OR CONCURRENT) OF EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL AND (B) WHETHER EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL HAS BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES. We accept no legal responsibility for the purposes for which the client uses the test results. No purchase order or other order for work shall be accepted by Eurofins Lancaster Laboratories Environmental which includes any conditions that vary from the Standard Terms and Conditions, and Eurofins Lancaster Laboratories Environmental hereby objects to any conflicting terms contained in any acceptance or order submitted by client.

ANALYTICAL RESULTS

Prepared by:

Eurofins Lancaster Laboratories Environmental
2425 New Holland Pike
Lancaster, PA 17601

Prepared for:

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

July 23, 2013

Project: Avery Dennison / Flowery Branch, GA

Submittal Date: 07/13/2013
Group Number: 1403901
PO Number: 1-0145-4
State of Sample Origin: GA

Client Sample Description

SP-3 Discharge Grab Groundwater
Trip Blanks Water

Lancaster Labs (LL) #

7126672
7126673

The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Sample Analysis Record.

ELECTRONIC The Johnson Company, Inc.
COPY TO
ELECTRONIC The Johnson Company, Inc.
COPY TO

Attn: Glen Kirkpatrick

Attn: Tristan Hardy

Respectfully Submitted,



Wendy A. Kozma
Principal Specialist Group Leader

(717) 556-7257

Sample Description: SP-3 Discharge Grab Groundwater
Avery Dennison / Flowery Branch, GA

LL Sample # WW 7126672
LL Group # 1403901
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 07/11/2013 15:15 by EM

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

Submitted: 07/13/2013 09:20

Reported: 07/23/2013 17:18

SP3-D

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles SW-846 8260B			ug/l	ug/l	
10335	Acetone	67-64-1	28	20	1
10335	Benzene	71-43-2	< 5	5	1
10335	Bromodichloromethane	75-27-4	< 5	5	1
10335	Bromoform	75-25-2	< 5	5	1
10335	Bromomethane	74-83-9	< 5	5	1
10335	2-Butanone	78-93-3	< 10	10	1
10335	Carbon Disulfide	75-15-0	< 5	5	1
10335	Carbon Tetrachloride	56-23-5	< 5	5	1
10335	Chlorobenzene	108-90-7	< 5	5	1
10335	Chloroethane	75-00-3	< 5	5	1
10335	Chloroform	67-66-3	< 5	5	1
10335	Chloromethane	74-87-3	< 5	5	1
10335	Dibromochloromethane	124-48-1	< 5	5	1
10335	1,1-Dichloroethane	75-34-3	< 5	5	1
10335	1,2-Dichloroethane	107-06-2	< 5	5	1
10335	1,1-Dichloroethene	75-35-4	< 2	2	1
10335	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10335	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10335	1,2-Dichloropropane	78-87-5	< 5	5	1
10335	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10335	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10335	Ethylbenzene	100-41-4	< 5	5	1
10335	2-Hexanone	591-78-6	< 10	10	1
10335	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10335	Methylene Chloride	75-09-2	< 5	5	1
10335	Styrene	100-42-5	< 5	5	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10335	Tetrachloroethene	127-18-4	< 5	5	1
10335	Toluene	108-88-3	< 5	5	1
10335	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10335	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10335	Trichloroethene	79-01-6	< 5	5	1
10335	Vinyl Chloride	75-01-4	< 2	2	1
10335	Xylene (Total)	1330-20-7	< 5	5	1
GC/MS Volatiles SW-846 8260B SIM			ug/l	ug/l	
00527	1,4-Dioxane	123-91-1	< 2.0	2.0	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/14

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial# Batch#	Analysis Date and Time	Analyst	Dilution Factor
---------	---------------	--------	---------------	------------------------	---------	-----------------

Sample Description: SP-3 Discharge Grab Groundwater
Avery Dennison / Flowery Branch, GA

LL Sample # WW 7126672
LL Group # 1403901
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 07/11/2013 15:15 by EM

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

Submitted: 07/13/2013 09:20

Reported: 07/23/2013 17:18

SP3-D

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	8260 Ext. Water Master w/GRO	SW-846 8260B	1	L131982AA	07/17/2013 23:20	Kevin A Sposito	1
00527	1,4-Dioxane by Isotope Dil SIM	SW-846 8260B SIM	1	E131961AA	07/15/2013 13:55	Jason M Long	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	E131961AA	07/15/2013 13:55	Jason M Long	1
01163	GC/MS VOA Water Prep	SW-846 5030B	2	L131982AA	07/17/2013 23:20	Kevin A Sposito	1

Sample Description: Trip Blanks Water
Avery Dennison / Flowery Branch, GA

LL Sample # WW 7126673
LL Group # 1403901
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 07/11/2013

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

Submitted: 07/13/2013 09:20

Reported: 07/23/2013 17:18

TB-GA

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles	SW-846 8260B	ug/l	ug/l	
10335	Acetone	67-64-1	< 20	20	1
10335	Benzene	71-43-2	< 5	5	1
10335	Bromodichloromethane	75-27-4	< 5	5	1
10335	Bromoform	75-25-2	< 5	5	1
10335	Bromomethane	74-83-9	< 5	5	1
10335	2-Butanone	78-93-3	< 10	10	1
10335	Carbon Disulfide	75-15-0	< 5	5	1
10335	Carbon Tetrachloride	56-23-5	< 5	5	1
10335	Chlorobenzene	108-90-7	< 5	5	1
10335	Chloroethane	75-00-3	< 5	5	1
10335	Chloroform	67-66-3	< 5	5	1
10335	Chloromethane	74-87-3	< 5	5	1
10335	Dibromochloromethane	124-48-1	< 5	5	1
10335	1,1-Dichloroethane	75-34-3	< 5	5	1
10335	1,2-Dichloroethane	107-06-2	< 5	5	1
10335	1,1-Dichloroethene	75-35-4	< 2	2	1
10335	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10335	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10335	1,2-Dichloropropane	78-87-5	< 5	5	1
10335	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10335	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10335	Ethylbenzene	100-41-4	< 5	5	1
10335	2-Hexanone	591-78-6	< 10	10	1
10335	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10335	Methylene Chloride	75-09-2	< 5	5	1
10335	Styrene	100-42-5	< 5	5	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10335	Tetrachloroethene	127-18-4	< 5	5	1
10335	Toluene	108-88-3	< 5	5	1
10335	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10335	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10335	Trichloroethene	79-01-6	< 5	5	1
10335	Vinyl Chloride	75-01-4	< 2	2	1
10335	Xylene (Total)	1330-20-7	< 5	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/14

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	8260 Ext. Water Master w/GRO	SW-846 8260B	1	L131982AA	07/17/2013 22:14	Kevin A Sposito	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L131982AA	07/17/2013 22:14	Kevin A Sposito	1

Quality Control Summary

Client Name: The Johnson Company, Inc.
Reported: 07/23/13 at 05:18 PM

Group Number: 1403901

Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

All Inorganic Initial Calibration and Continuing Calibration Blanks met acceptable method criteria unless otherwise noted on the Analysis Report.

Laboratory Compliance Quality Control

<u>Analysis Name</u>	<u>Blank Result</u>	<u>Blank LOQ</u>	<u>Report Units</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>LCS/LCSD Limits</u>	<u>RPD</u>	<u>RPD Max</u>
Batch number: E131961AA	Sample number(s): 7126672							
1,4-Dioxane	< 2.0	2.0	ug/l	108	110	80-123	2	30
Batch number: L131982AA	Sample number(s): 7126672-7126673							
Acetone	< 20	20.	ug/l	81	81	35-181	0	30
Benzene	< 5	5.	ug/l	94	94	77-121	1	30
Bromodichloromethane	< 5	5.	ug/l	90	91	73-120	1	30
Bromoform	< 5	5.	ug/l	80	81	61-120	1	30
Bromomethane	< 5	5.	ug/l	80	81	51-120	1	30
2-Butanone	< 10	10.	ug/l	92	93	57-141	2	30
Carbon Disulfide	< 5	5.	ug/l	84	85	68-121	0	30
Carbon Tetrachloride	< 5	5.	ug/l	98	99	65-137	1	30
Chlorobenzene	< 5	5.	ug/l	94	95	80-120	1	30
Chloroethane	< 5	5.	ug/l	78	79	60-120	1	30
Chloroform	< 5	5.	ug/l	98	99	77-122	1	30
Chloromethane	< 5	5.	ug/l	79	79	54-123	1	30
Dibromochloromethane	< 5	5.	ug/l	87	89	72-120	2	30
1,1-Dichloroethane	< 5	5.	ug/l	98	99	79-120	1	30
1,2-Dichloroethane	< 5	5.	ug/l	104	105	64-130	1	30
1,1-Dichloroethene	< 2	2.	ug/l	90	91	76-124	1	30
cis-1,2-Dichloroethene	< 5	5.	ug/l	92	91	80-120	1	30
trans-1,2-Dichloroethene	< 5	5.	ug/l	91	92	80-120	1	30
1,2-Dichloropropane	< 5	5.	ug/l	100	100	80-120	0	30
cis-1,3-Dichloropropene	< 5	5.	ug/l	91	92	78-120	1	30
trans-1,3-Dichloropropene	< 5	5.	ug/l	90	92	66-124	2	30
Ethylbenzene	< 5	5.	ug/l	93	94	79-120	1	30
2-Hexanone	< 10	10.	ug/l	76	78	59-125	2	30
4-Methyl-2-pentanone	< 10	10.	ug/l	82	84	65-122	2	30
Methylene Chloride	< 5	5.	ug/l	91	91	84-118	0	30
Styrene	< 5	5.	ug/l	88	89	77-120	1	30
1,1,2,2-Tetrachloroethane	< 5	5.	ug/l	90	92	70-129	2	30
Tetrachloroethene	< 5	5.	ug/l	101	101	79-120	0	30
Toluene	< 5	5.	ug/l	93	95	79-120	2	30
1,1,1-Trichloroethane	< 5	5.	ug/l	87	88	66-126	1	30
1,1,2-Trichloroethane	< 5	5.	ug/l	92	93	80-120	1	30
Trichloroethene	< 5	5.	ug/l	98	98	80-120	1	30
Vinyl Chloride	< 2	2.	ug/l	84	84	63-120	1	30
Xylene (Total)	< 5	5.	ug/l	90	92	77-120	1	30

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: The Johnson Company, Inc.
Reported: 07/23/13 at 05:18 PM

Group Number: 1403901

Surrogate Quality Control

Surrogate recoveries which are outside of the QC window are confirmed unless attributed to dilution or otherwise noted on the Analysis Report.

Analysis Name: 1,4-Dioxane by Isotope Dil SIM
Batch number: E131961AA
Toluene-d8

7126672	97
Blank	97
LCS	97
LCSD	97

Limits: 80-120

Analysis Name: 8260 Ext. Water Master w/GRO
Batch number: L131982AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
7126672	100	102	100	99
7126673	98	101	101	100
Blank	100	102	101	100
LCS	98	99	102	101
LCSD	100	100	103	101

Limits: 80-116 77-113 80-113 78-113

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The unspiked result was more than four times the spike added.

G-1403701

Environmental Sample Administration
Receipt Documentation Log

Client/Project: The Johnson Co.

Shipping Container Sealed: YES NO

Date of Receipt: 7/13/2013

Custody Seal Present * : YES NO

Time of Receipt: 0920

* Custody seal was intact unless otherwise noted in the discrepancy section

Source Code: 50

Package: Chilled Not Chilled

Temperature of Shipping Containers

Cooler #	Thermometer ID	Temperature (°C)	Temp Bottle (TB) or Surface Temp (ST)	Wet Ice (WI) or Dry Ice (DI) or Ice Packs (IP)	Ice Present? Y/N	Loose (L) Bagged Ice (B) or NA	Comments
1	DT121	1.1	TB	WI	y	B	
2							
3							
4							
5							
6							

Number of Trip Blanks received NOT listed on chain of custody: 0

Paperwork Discrepancy/Unpacking Problems:

Unpacker Signature/Emp#: Pat Gu 3472 Date/Time: 7/13/13 1350

Issued by Dept. 6042 Management

Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

RL	Reporting Limit	BMQL	Below Minimum Quantitation Level
N.D.	none detected	MPN	Most Probable Number
TNTC	Too Numerous To Count	CP Units	cobalt-chloroplatinate units
IU	International Units	NTU	nephelometric turbidity units
umhos/cm	micromhos/cm	ng	nanogram(s)
C	degrees Celsius	F	degrees Fahrenheit
meq	milliequivalents	lb.	pound(s)
g	gram(s)	kg	kilogram(s)
µg	microgram(s)	mg	milligram(s)
mL	milliliter(s)	L	liter(s)
m³	cubic meter(s)	µL	microliter(s)
		pg/L	picogram/liter

< less than - The number following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably determined using this specific test.

> greater than

ppm parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

Data Qualifiers:

C – result confirmed by reanalysis.

J - estimated value – The result is \geq the Method Detection Limit (MDL) and $<$ the Limit of Quantitation (LOQ).

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers

- A** TIC is a possible aldol-condensation product
- B** Analyte was also detected in the blank
- C** Pesticide result confirmed by GC/MS
- D** Compound quantitated on a diluted sample
- E** Concentration exceeds the calibration range of the instrument
- N** Presumptive evidence of a compound (TICs only)
- P** Concentration difference between primary and confirmation columns $>25\%$
- U** Compound was not detected
- X,Y,Z** Defined in case narrative

Inorganic Qualifiers

- B** Value is $<$ CRDL, but \geq IDL
- E** Estimated due to interference
- M** Duplicate injection precision not met
- N** Spike sample not within control limits
- S** Method of standard additions (MSA) used for calculation
- U** Compound was not detected
- W** Post digestion spike out of control limits
- *** Duplicate analysis not within control limits
- +** Correlation coefficient for MSA <0.995

Analytical test results meet all requirements of NELAC unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

Times are local to the area of activity. Parameters listed in the 40 CFR part 136 Table II as “analyze immediately” are not performed within 15 minutes.

WARRANTY AND LIMITS OF LIABILITY - In accepting analytical work, we warrant the accuracy of test results for the sample as submitted. THE FOREGOING EXPRESS WARRANTY IS EXCLUSIVE AND IS GIVEN IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED. WE DISCLAIM ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING A WARRANTY OF FITNESS FOR PARTICULAR PURPOSE AND WARRANTY OF MERCHANTABILITY. IN NO EVENT SHALL EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL, LLC BE LIABLE FOR INDIRECT, SPECIAL, CONSEQUENTIAL, OR INCIDENTAL DAMAGES INCLUDING, BUT NOT LIMITED TO, DAMAGES FOR LOSS OF PROFIT OR GOODWILL REGARDLESS OF (A) THE NEGLIGENCE (EITHER SOLE OR CONCURRENT) OF EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL AND (B) WHETHER EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL HAS BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES. We accept no legal responsibility for the purposes for which the client uses the test results. No purchase order or other order for work shall be accepted by Eurofins Lancaster Laboratories Environmental which includes any conditions that vary from the Standard Terms and Conditions, and Eurofins Lancaster Laboratories Environmental hereby objects to any conflicting terms contained in any acceptance or order submitted by client.

ANALYTICAL RESULTS

Prepared by:

Eurofins Lancaster Laboratories Environmental
2425 New Holland Pike
Lancaster, PA 17601

Prepared for:

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

July 29, 2013

Project: Avery Dennison / Flowery Branch, GA

Submittal Date: 07/19/2013
Group Number: 1405397
PO Number: 1-0145-4
State of Sample Origin: GA

Client Sample Description

SP-3 Discharge Grab Groundwater
Trip Blank Water

Lancaster Labs (LL) #

7132604
7132605

The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Sample Analysis Record.

ELECTRONIC The Johnson Company, Inc.
COPY TO
ELECTRONIC The Johnson Company, Inc.
COPY TO

Attn: Glen Kirkpatrick

Attn: Tristan Hardy

Respectfully Submitted,



Wendy A. Kozma
Principal Specialist Group Leader

(717) 556-7257

Sample Description: SP-3 Discharge Grab Groundwater
Avery Dennison / Flowery Branch, GA

LL Sample # WW 7132604
LL Group # 1405397
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 07/16/2013 15:07 by EM

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

Submitted: 07/19/2013 09:10

Reported: 07/29/2013 18:33

3-DIS

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles SW-846 8260B			ug/l	ug/l	
10335	Acetone	67-64-1	< 20	20	1
10335	Benzene	71-43-2	< 5	5	1
10335	Bromodichloromethane	75-27-4	< 5	5	1
10335	Bromoform	75-25-2	< 5	5	1
10335	Bromomethane	74-83-9	< 5	5	1
10335	2-Butanone	78-93-3	< 10	10	1
10335	Carbon Disulfide	75-15-0	< 5	5	1
10335	Carbon Tetrachloride	56-23-5	< 5	5	1
10335	Chlorobenzene	108-90-7	< 5	5	1
10335	Chloroethane	75-00-3	< 5	5	1
10335	Chloroform	67-66-3	< 5	5	1
10335	Chloromethane	74-87-3	< 5	5	1
10335	Dibromochloromethane	124-48-1	< 5	5	1
10335	1,1-Dichloroethane	75-34-3	< 5	5	1
10335	1,2-Dichloroethane	107-06-2	< 5	5	1
10335	1,1-Dichloroethene	75-35-4	< 2	2	1
10335	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10335	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10335	1,2-Dichloropropane	78-87-5	< 5	5	1
10335	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10335	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10335	Ethylbenzene	100-41-4	< 5	5	1
10335	2-Hexanone	591-78-6	< 10	10	1
10335	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10335	Methylene Chloride	75-09-2	< 5	5	1
10335	Styrene	100-42-5	< 5	5	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10335	Tetrachloroethene	127-18-4	< 5	5	1
10335	Toluene	108-88-3	< 5	5	1
10335	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10335	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10335	Trichloroethene	79-01-6	< 5	5	1
10335	Vinyl Chloride	75-01-4	< 2	2	1
10335	Xylene (Total)	1330-20-7	< 5	5	1
GC/MS Volatiles SW-846 8260B SIM			ug/l	ug/l	
00527	1,4-Dioxane	123-91-1	< 2.0	2.0	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/14

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial# Batch#	Analysis Date and Time	Analyst	Dilution Factor
---------	---------------	--------	---------------	------------------------	---------	-----------------

Sample Description: SP-3 Discharge Grab Groundwater
Avery Dennison / Flowery Branch, GA

LL Sample # WW 7132604
LL Group # 1405397
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 07/16/2013 15:07 by EM

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

Submitted: 07/19/2013 09:10

Reported: 07/29/2013 18:33

3-DIS

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	8260 Ext. Water Master w/GRO	SW-846 8260B	1	Y132031AA	07/22/2013 12:06	Angela D Sneeringer	1
00527	1,4-Dioxane by Isotope Dil SIM	SW-846 8260B SIM	1	E132041AA	07/23/2013 20:11	Kevin A Sposito	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y132031AA	07/22/2013 12:06	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	2	E132041AA	07/23/2013 20:11	Kevin A Sposito	1

Sample Description: Trip Blank Water
Avery Dennison / Flowery Branch, GA

LL Sample # WW 7132605
LL Group # 1405397
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 07/16/2013 15:07

The Johnson Company, Inc.

Submitted: 07/19/2013 09:10

Suite 600

Reported: 07/29/2013 18:33

100 State Street

Montpelier VT 05602

3-DTB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles	SW-846 8260B	ug/l	ug/l	
10335	Acetone	67-64-1	< 20	20	1
10335	Benzene	71-43-2	< 5	5	1
10335	Bromodichloromethane	75-27-4	< 5	5	1
10335	Bromoform	75-25-2	< 5	5	1
10335	Bromomethane	74-83-9	< 5	5	1
10335	2-Butanone	78-93-3	< 10	10	1
10335	Carbon Disulfide	75-15-0	< 5	5	1
10335	Carbon Tetrachloride	56-23-5	< 5	5	1
10335	Chlorobenzene	108-90-7	< 5	5	1
10335	Chloroethane	75-00-3	< 5	5	1
10335	Chloroform	67-66-3	< 5	5	1
10335	Chloromethane	74-87-3	< 5	5	1
10335	Dibromochloromethane	124-48-1	< 5	5	1
10335	1,1-Dichloroethane	75-34-3	< 5	5	1
10335	1,2-Dichloroethane	107-06-2	< 5	5	1
10335	1,1-Dichloroethene	75-35-4	< 2	2	1
10335	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10335	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10335	1,2-Dichloropropane	78-87-5	< 5	5	1
10335	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10335	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10335	Ethylbenzene	100-41-4	< 5	5	1
10335	2-Hexanone	591-78-6	< 10	10	1
10335	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10335	Methylene Chloride	75-09-2	< 5	5	1
10335	Styrene	100-42-5	< 5	5	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10335	Tetrachloroethene	127-18-4	< 5	5	1
10335	Toluene	108-88-3	< 5	5	1
10335	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10335	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10335	Trichloroethene	79-01-6	< 5	5	1
10335	Vinyl Chloride	75-01-4	< 2	2	1
10335	Xylene (Total)	1330-20-7	< 5	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/14

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	8260 Ext. Water Master w/GRO	SW-846 8260B	1	Y132031AA	07/22/2013 11:04	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y132031AA	07/22/2013 11:04	Angela D Sneeringer	1

Quality Control Summary

Client Name: The Johnson Company, Inc.
Reported: 07/29/13 at 06:33 PM

Group Number: 1405397

Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

All Inorganic Initial Calibration and Continuing Calibration Blanks met acceptable method criteria unless otherwise noted on the Analysis Report.

Laboratory Compliance Quality Control

<u>Analysis Name</u>	<u>Blank Result</u>	<u>Blank LOQ</u>	<u>Report Units</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>LCS/LCSD Limits</u>	<u>RPD</u>	<u>RPD Max</u>
Batch number: E132041AA	Sample number(s): 7132604							
1,4-Dioxane	< 2.0	2.0	ug/l	101	108	80-123	7	30
Batch number: Y132031AA	Sample number(s): 7132604-7132605							
Acetone	< 20	20.	ug/l	94	100	35-181	6	30
Benzene	< 5	5.	ug/l	103	104	77-121	1	30
Bromodichloromethane	< 5	5.	ug/l	112	112	73-120	0	30
Bromoform	< 5	5.	ug/l	108	109	61-120	1	30
Bromomethane	< 5	5.	ug/l	90	92	51-120	2	30
2-Butanone	< 10	10.	ug/l	95	97	57-141	3	30
Carbon Disulfide	< 5	5.	ug/l	95	96	68-121	0	30
Carbon Tetrachloride	< 5	5.	ug/l	117	116	65-137	0	30
Chlorobenzene	< 5	5.	ug/l	111	111	80-120	0	30
Chloroethane	< 5	5.	ug/l	79	80	60-120	2	30
Chloroform	< 5	5.	ug/l	113	112	77-122	0	30
Chloromethane	< 5	5.	ug/l	95	98	54-123	2	30
Dibromochloromethane	< 5	5.	ug/l	105	105	72-120	1	30
1,1-Dichloroethane	< 5	5.	ug/l	102	102	79-120	1	30
1,2-Dichloroethane	< 5	5.	ug/l	115	115	64-130	0	30
1,1-Dichloroethene	< 2	2.	ug/l	105	104	76-124	0	30
cis-1,2-Dichloroethene	< 5	5.	ug/l	107	107	80-120	0	30
trans-1,2-Dichloroethene	< 5	5.	ug/l	105	106	80-120	1	30
1,2-Dichloropropane	< 5	5.	ug/l	104	105	80-120	1	30
cis-1,3-Dichloropropene	< 5	5.	ug/l	110	112	78-120	1	30
trans-1,3-Dichloropropene	< 5	5.	ug/l	100	102	66-124	2	30
Ethylbenzene	< 5	5.	ug/l	104	105	79-120	1	30
2-Hexanone	< 10	10.	ug/l	92	95	59-125	3	30
4-Methyl-2-pentanone	< 10	10.	ug/l	97	98	65-122	1	30
Methylene Chloride	< 5	5.	ug/l	106	106	84-118	1	30
Styrene	< 5	5.	ug/l	108	107	77-120	0	30
1,1,2,2-Tetrachloroethane	< 5	5.	ug/l	105	108	70-129	2	30
Tetrachloroethene	< 5	5.	ug/l	108	108	79-120	0	30
Toluene	< 5	5.	ug/l	105	107	79-120	1	30
1,1,1-Trichloroethane	< 5	5.	ug/l	105	105	66-126	0	30
1,1,2-Trichloroethane	< 5	5.	ug/l	108	110	80-120	1	30
Trichloroethene	< 5	5.	ug/l	111	112	80-120	2	30
Vinyl Chloride	< 2	2.	ug/l	94	96	63-120	2	30
Xylene (Total)	< 5	5.	ug/l	107	107	77-120	0	30

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: The Johnson Company, Inc.
Reported: 07/29/13 at 06:33 PM

Group Number: 1405397

Surrogate Quality Control

Surrogate recoveries which are outside of the QC window are confirmed unless attributed to dilution or otherwise noted on the Analysis Report.

Analysis Name: 1,4-Dioxane by Isotope Dil SIM
Batch number: E132041AA
Toluene-d8

7132604	96
Blank	97
LCS	97
LCSD	97

Limits: 80-120

Analysis Name: 8260 Ext. Water Master w/GRO
Batch number: Y132031AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
7132604	107	102	97	95
7132605	103	101	97	96
Blank	104	101	98	95
LCS	104	105	99	102
LCSD	103	104	99	101

Limits: 80-116 77-113 80-113 78-113

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The unspiked result was more than four times the spike added.

Environmental Analysis Request/Chain of Custody



Lancaster Laboratories

Acct. # 6556

For Eurofins Lancaster Laboratories use only
 Group # 1405397 Sample # 7132604-05
Instructions on reverse side correspond with circled numbers.

COC #324858

1 Client Information				4 Matrix				5 Analysis Requested												6 Remarks			
Client: <u>The Johnson Company</u>		Acct. #:		Sediment <input type="checkbox"/> Potable <input type="checkbox"/> Ground <input checked="" type="checkbox"/> NPDES <input type="checkbox"/> Surface <input type="checkbox"/> Water <input type="checkbox"/> Other:	Total # of Containers VOC - EPA 8260 B 1,4 Dioxane -	Preservation Codes												For Lab Use Only					
Project Name/#: <u>Avery / 1-0145-4</u>		PWSID #:				FSC: _____												SCR#: _____					
Project Manager: <u>Glen Kirkpatrick</u>		P.O. #: <u>1-0145-4</u>				H=HCl T=Thiosulfate N=HNO ₃ B=NaOH S=H ₂ SO ₄ O=Other												6 Remarks 					
Sampler: <u>Eric Mudd / CWS</u>		Quote #:																					
Name of state where samples were collected:				3																			
2 Sample Identification		Collected		Grab	Composite	Soil <input type="checkbox"/>	Water	Other:	Total # of Containers														
		Date	Time																				
<u>SP-3 Discharge</u>		<u>7-16-13</u>	<u>3:07</u>	<u>X</u>			<u>X</u>		<u>6</u>	<u>X</u>	<u>X</u>												
<u>Trip Blank</u>		<u>7-16-13</u>	<u>3:07</u>	<u>X</u>			<u>X</u>		<u>2</u>	<u>X</u>													
7 Turnaround Time (TAT) Requested (please circle) Standard <u>Standard</u> Rush (Rush TAT is subject to Lancaster Laboratories approval and surcharge.) Date results are needed: _____ E-mail address: _____				Relinquished by <u>Mudd</u>			Date	Time	Received by	Date	Time	9 											
				Relinquished by			Date	Time	Received by	Date	Time												
Relinquished by			Date	Time	Received by	Date	Time																
Relinquished by			Date	Time	Received by	Date	Time																
Relinquished by			Date	Time	Received by	Date	Time																
8 Data Package Options (circle if required) Type I (Validation/non-CLP) Type VI (Raw Data Only) Type III (Reduced non-CLP) TX TRRP-13 Type IV (CLP SOW) MA MCP CT RCP				Relinquished by			Date	Time	Received by	Date	Time	Relinquished by Commercial Carrier: UPS FedEx <input checked="" type="checkbox"/> Other											
				Relinquished by			Date	Time	Received by	Date	Time												
				Relinquished by			Date	Time	Received by	Date	Time												
				EDD Required? Yes No If yes, format: _____				Temperature upon receipt <u>2.7</u> °C															
				Site-Specific QC (MS/MSD/Dup)? Yes No (If yes, indicate QC sample and submit triplicate sample volume.)																			

Environmental Sample Administration 1405397
 Receipt Documentation Log

Client/Project: Johnson Co
 Date of Receipt: 7/19/13
 Time of Receipt: 0910
 Source Code: 50-1

Shipping Container Sealed: YES NO
 Custody Seal Present * : YES NO
* Custody seal was intact unless otherwise noted in the discrepancy section
 Package: Chilled Not Chilled

Temperature of Shipping Containers

Cooler #	Thermometer ID	Temperature (°C)	Temp Bottle (TB) or Surface Temp (ST)	Wet Ice (WI) or Dry Ice (DI) or Ice Packs (IP)	Ice Present? Y/N	Loose (L) Bagged Ice (B) or NA	Comments
1	DT121	2.7	TB	WI	Y	B	
2							
3							
4							
5							
6							

Number of Trip Blanks received NOT listed on chain of custody: 0

Paperwork Discrepancy/Unpacking Problems:

1 vial for SP-2 received empty

Unpacker Signature/Emp#: C. Eshel 3647 Date/Time: 7/19/13 1128

Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

RL	Reporting Limit	BMQL	Below Minimum Quantitation Level
N.D.	none detected	MPN	Most Probable Number
TNTC	Too Numerous To Count	CP Units	cobalt-chloroplatinate units
IU	International Units	NTU	nephelometric turbidity units
umhos/cm	micromhos/cm	ng	nanogram(s)
C	degrees Celsius	F	degrees Fahrenheit
meq	milliequivalents	lb.	pound(s)
g	gram(s)	kg	kilogram(s)
µg	microgram(s)	mg	milligram(s)
mL	milliliter(s)	L	liter(s)
m³	cubic meter(s)	µL	microliter(s)
		pg/L	picogram/liter

< less than - The number following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably determined using this specific test.

> greater than

ppm parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

Data Qualifiers:

C – result confirmed by reanalysis.

J - estimated value – The result is \geq the Method Detection Limit (MDL) and $<$ the Limit of Quantitation (LOQ).

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers

- A** TIC is a possible aldol-condensation product
- B** Analyte was also detected in the blank
- C** Pesticide result confirmed by GC/MS
- D** Compound quantitated on a diluted sample
- E** Concentration exceeds the calibration range of the instrument
- N** Presumptive evidence of a compound (TICs only)
- P** Concentration difference between primary and confirmation columns $>25\%$
- U** Compound was not detected
- X,Y,Z** Defined in case narrative

Inorganic Qualifiers

- B** Value is $<$ CRDL, but \geq IDL
- E** Estimated due to interference
- M** Duplicate injection precision not met
- N** Spike sample not within control limits
- S** Method of standard additions (MSA) used for calculation
- U** Compound was not detected
- W** Post digestion spike out of control limits
- *** Duplicate analysis not within control limits
- +** Correlation coefficient for MSA <0.995

Analytical test results meet all requirements of NELAC unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

Times are local to the area of activity. Parameters listed in the 40 CFR part 136 Table II as “analyze immediately” are not performed within 15 minutes.

WARRANTY AND LIMITS OF LIABILITY - In accepting analytical work, we warrant the accuracy of test results for the sample as submitted. THE FOREGOING EXPRESS WARRANTY IS EXCLUSIVE AND IS GIVEN IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED. WE DISCLAIM ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING A WARRANTY OF FITNESS FOR PARTICULAR PURPOSE AND WARRANTY OF MERCHANTABILITY. IN NO EVENT SHALL EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL, LLC BE LIABLE FOR INDIRECT, SPECIAL, CONSEQUENTIAL, OR INCIDENTAL DAMAGES INCLUDING, BUT NOT LIMITED TO, DAMAGES FOR LOSS OF PROFIT OR GOODWILL REGARDLESS OF (A) THE NEGLIGENCE (EITHER SOLE OR CONCURRENT) OF EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL AND (B) WHETHER EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL HAS BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES. We accept no legal responsibility for the purposes for which the client uses the test results. No purchase order or other order for work shall be accepted by Eurofins Lancaster Laboratories Environmental which includes any conditions that vary from the Standard Terms and Conditions, and Eurofins Lancaster Laboratories Environmental hereby objects to any conflicting terms contained in any acceptance or order submitted by client.

ANALYTICAL RESULTS

Prepared by:

Eurofins Lancaster Laboratories Environmental
2425 New Holland Pike
Lancaster, PA 17601

Prepared for:

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

August 13, 2013

Project: Avery Dennison / Flowery Branch, GA

Submittal Date: 08/02/2013
Group Number: 1408876
PO Number: 1-0145-4
State of Sample Origin: GA

Client Sample Description

SP-3 Discharge Grab Groundwater
Trip Blank Water

Lancaster Labs (LL) #

7148855
7148856

The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Sample Analysis Record.

ELECTRONIC The Johnson Company, Inc.
COPY TO
ELECTRONIC The Johnson Company, Inc.
COPY TO

Attn: Glen Kirkpatrick

Attn: Tristan Hardy

Respectfully Submitted,



Wendy A. Kozma
Principal Specialist Group Leader

(717) 556-7257

Sample Description: SP-3 Discharge Grab Groundwater
Avery Dennison / Flowery Branch, GA

LL Sample # WW 7148855
LL Group # 1408876
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 08/01/2013 14:45 by EM

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

Submitted: 08/02/2013 09:15

Reported: 08/13/2013 16:19

ADSP3

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles SW-846 8260B			ug/l	ug/l	
10335	Acetone	67-64-1	< 20	20	1
10335	Benzene	71-43-2	< 5	5	1
10335	Bromodichloromethane	75-27-4	< 5	5	1
10335	Bromoform	75-25-2	< 5	5	1
10335	Bromomethane	74-83-9	< 5	5	1
10335	2-Butanone	78-93-3	< 10	10	1
10335	Carbon Disulfide	75-15-0	< 5	5	1
10335	Carbon Tetrachloride	56-23-5	< 5	5	1
10335	Chlorobenzene	108-90-7	< 5	5	1
10335	Chloroethane	75-00-3	< 5	5	1
10335	Chloroform	67-66-3	< 5	5	1
10335	Chloromethane	74-87-3	< 5	5	1
10335	Dibromochloromethane	124-48-1	< 5	5	1
10335	1,1-Dichloroethane	75-34-3	< 5	5	1
10335	1,2-Dichloroethane	107-06-2	< 5	5	1
10335	1,1-Dichloroethene	75-35-4	< 2	2	1
10335	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10335	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10335	1,2-Dichloropropane	78-87-5	< 5	5	1
10335	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10335	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10335	Ethylbenzene	100-41-4	< 5	5	1
10335	2-Hexanone	591-78-6	< 10	10	1
10335	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10335	Methylene Chloride	75-09-2	< 5	5	1
10335	Styrene	100-42-5	< 5	5	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10335	Tetrachloroethene	127-18-4	< 5	5	1
10335	Toluene	108-88-3	< 5	5	1
10335	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10335	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10335	Trichloroethene	79-01-6	< 5	5	1
10335	Vinyl Chloride	75-01-4	< 2	2	1
10335	Xylene (Total)	1330-20-7	< 5	5	1
GC/MS Volatiles SW-846 8260B SIM			ug/l	ug/l	
00527	1,4-Dioxane	123-91-1	< 2.0	2.0	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/14

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial# Batch#	Analysis Date and Time	Analyst	Dilution Factor
---------	---------------	--------	---------------	------------------------	---------	-----------------

Sample Description: SP-3 Discharge Grab Groundwater
Avery Dennison / Flowery Branch, GA

LL Sample # WW 7148855
LL Group # 1408876
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 08/01/2013 14:45 by EM

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

Submitted: 08/02/2013 09:15

Reported: 08/13/2013 16:19

ADSP3

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	8260 Ext. Water Master w/GRO	SW-846 8260B	1	T132172AA	08/05/2013 19:15	Sarah A Guill	1
00527	1,4-Dioxane by Isotope Dil SIM	SW-846 8260B SIM	1	E132211AA	08/09/2013 15:05	Jason M Long	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	T132172AA	08/05/2013 19:15	Sarah A Guill	1
01163	GC/MS VOA Water Prep	SW-846 5030B	2	E132211AA	08/09/2013 15:05	Jason M Long	1

Sample Description: Trip Blank Water
Avery Dennison / Flowery Branch, GA

LL Sample # WW 7148856
LL Group # 1408876
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 08/01/2013

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

Submitted: 08/02/2013 09:15

Reported: 08/13/2013 16:19

AD-TB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles	SW-846 8260B	ug/l	ug/l	
10335	Acetone	67-64-1	< 20	20	1
10335	Benzene	71-43-2	< 5	5	1
10335	Bromodichloromethane	75-27-4	< 5	5	1
10335	Bromoform	75-25-2	< 5	5	1
10335	Bromomethane	74-83-9	< 5	5	1
10335	2-Butanone	78-93-3	< 10	10	1
10335	Carbon Disulfide	75-15-0	< 5	5	1
10335	Carbon Tetrachloride	56-23-5	< 5	5	1
10335	Chlorobenzene	108-90-7	< 5	5	1
10335	Chloroethane	75-00-3	< 5	5	1
10335	Chloroform	67-66-3	< 5	5	1
10335	Chloromethane	74-87-3	< 5	5	1
10335	Dibromochloromethane	124-48-1	< 5	5	1
10335	1,1-Dichloroethane	75-34-3	< 5	5	1
10335	1,2-Dichloroethane	107-06-2	< 5	5	1
10335	1,1-Dichloroethene	75-35-4	< 2	2	1
10335	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10335	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10335	1,2-Dichloropropane	78-87-5	< 5	5	1
10335	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10335	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10335	Ethylbenzene	100-41-4	< 5	5	1
10335	2-Hexanone	591-78-6	< 10	10	1
10335	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10335	Methylene Chloride	75-09-2	< 5	5	1
10335	Styrene	100-42-5	< 5	5	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10335	Tetrachloroethene	127-18-4	< 5	5	1
10335	Toluene	108-88-3	< 5	5	1
10335	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10335	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10335	Trichloroethene	79-01-6	< 5	5	1
10335	Vinyl Chloride	75-01-4	< 2	2	1
10335	Xylene (Total)	1330-20-7	< 5	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/14

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	8260 Ext. Water Master w/GRO	SW-846 8260B	1	T132172AA	08/05/2013 19:40	Sarah A Guill	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	T132172AA	08/05/2013 19:40	Sarah A Guill	1

Quality Control Summary

Client Name: The Johnson Company, Inc.
Reported: 08/13/13 at 04:19 PM

Group Number: 1408876

Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

All Inorganic Initial Calibration and Continuing Calibration Blanks met acceptable method criteria unless otherwise noted on the Analysis Report.

Laboratory Compliance Quality Control

<u>Analysis Name</u>	<u>Blank Result</u>	<u>Blank LOQ</u>	<u>Report Units</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>LCS/LCSD Limits</u>	<u>RPD</u>	<u>RPD Max</u>
Batch number: E132211AA	Sample number(s): 7148855							
1,4-Dioxane	< 2.0	2.0	ug/l	118	109	80-123	8	30
Batch number: T132172AA	Sample number(s): 7148855-7148856							
Acetone	< 20	20.	ug/l	117	114	35-181	3	30
Benzene	< 5	5.	ug/l	104	102	77-121	1	30
Bromodichloromethane	< 5	5.	ug/l	96	94	73-120	2	30
Bromoform	< 5	5.	ug/l	79	79	61-120	0	30
Bromomethane	< 5	5.	ug/l	97	93	51-120	4	30
2-Butanone	< 10	10.	ug/l	93	93	57-141	0	30
Carbon Disulfide	< 5	5.	ug/l	98	95	68-121	3	30
Carbon Tetrachloride	< 5	5.	ug/l	118	115	65-137	3	30
Chlorobenzene	< 5	5.	ug/l	98	97	80-120	0	30
Chloroethane	< 5	5.	ug/l	83	79	60-120	5	30
Chloroform	< 5	5.	ug/l	110	106	77-122	4	30
Chloromethane	< 5	5.	ug/l	98	96	54-123	2	30
Dibromochloromethane	< 5	5.	ug/l	91	90	72-120	1	30
1,1-Dichloroethane	< 5	5.	ug/l	105	105	79-120	1	30
1,2-Dichloroethane	< 5	5.	ug/l	111	110	64-130	1	30
1,1-Dichloroethene	< 2	2.	ug/l	103	101	76-124	2	30
cis-1,2-Dichloroethene	< 5	5.	ug/l	105	106	80-120	1	30
trans-1,2-Dichloroethene	< 5	5.	ug/l	110	108	80-120	1	30
1,2-Dichloropropane	< 5	5.	ug/l	103	104	80-120	1	30
cis-1,3-Dichloropropene	< 5	5.	ug/l	100	98	78-120	2	30
trans-1,3-Dichloropropene	< 5	5.	ug/l	91	91	66-124	1	30
Ethylbenzene	< 5	5.	ug/l	94	93	79-120	1	30
2-Hexanone	< 10	10.	ug/l	68	69	59-125	2	30
4-Methyl-2-pentanone	< 10	10.	ug/l	76	75	65-122	0	30
Methylene Chloride	< 5	5.	ug/l	109	108	84-118	0	30
Styrene	< 5	5.	ug/l	97	96	77-120	1	30
1,1,2,2-Tetrachloroethane	< 5	5.	ug/l	99	100	70-129	0	30
Tetrachloroethene	< 5	5.	ug/l	95	94	79-120	1	30
Toluene	< 5	5.	ug/l	100	98	79-120	2	30
1,1,1-Trichloroethane	< 5	5.	ug/l	117	115	66-126	2	30
1,1,2-Trichloroethane	< 5	5.	ug/l	97	97	80-120	0	30
Trichloroethene	< 5	5.	ug/l	103	103	80-120	0	30
Vinyl Chloride	< 2	2.	ug/l	89	88	63-120	1	30
Xylene (Total)	< 5	5.	ug/l	96	95	77-120	1	30

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: The Johnson Company, Inc.
Reported: 08/13/13 at 04:19 PM

Group Number: 1408876

Surrogate Quality Control

Surrogate recoveries which are outside of the QC window are confirmed unless attributed to dilution or otherwise noted on the Analysis Report.

Analysis Name: 1,4-Dioxane by Isotope Dil SIM
Batch number: E132211AA
Toluene-d8

7148855	95
Blank	96
LCS	97
LCSD	97

Limits: 80-120

Analysis Name: 8260 Ext. Water Master w/GRO
Batch number: T132172AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
7148855	108	108	100	100
7148856	108	105	102	101
Blank	109	107	100	100
LCS	107	107	101	105
LCSD	107	103	101	103

Limits: 80-116 77-113 80-113 78-113

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The unspiked result was more than four times the spike added.

Environmental Sample Administration
Receipt Documentation Log

Client/Project: The Johnson Company
 Date of Receipt: 8/2/13
 Time of Receipt: 915
 Source Code: SO-1

Shipping Container Sealed: YES NO

Custody Seal Present * : YES NO

* Custody seal was intact unless otherwise noted in the discrepancy section

Package: Chilled Not Chilled

Temperature of Shipping Containers							
Cooler #	Thermometer ID	Temperature (°C)	Temp Bottle (TB) or Surface Temp (ST)	Wet Ice (WI) or Dry Ice (DI) or Ice Packs (IP)	Ice Present? Y/N	Loose (L) Bagged Ice (B) or NA	Comments
1	DT121	1.1	TB	WI	Y	B	
2	↓	0.6	↓	↓	↓	↓	
3							
4							
5							
6							

③ ^{mm} 8/2/13 ~~0~~ 4

Number of Trip Blanks received NOT listed on chain of custody: _____

Paperwork Discrepancy/Unpacking Problems:

Unpacker Signature/Emp#: [Signature] 2308 Date/Time: 8/2/13 1204

Issued by Dept. 6042 Management

Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

RL	Reporting Limit	BMQL	Below Minimum Quantitation Level
N.D.	none detected	MPN	Most Probable Number
TNTC	Too Numerous To Count	CP Units	cobalt-chloroplatinate units
IU	International Units	NTU	nephelometric turbidity units
umhos/cm	micromhos/cm	ng	nanogram(s)
C	degrees Celsius	F	degrees Fahrenheit
meq	milliequivalents	lb.	pound(s)
g	gram(s)	kg	kilogram(s)
µg	microgram(s)	mg	milligram(s)
mL	milliliter(s)	L	liter(s)
m3	cubic meter(s)	µL	microliter(s)
		pg/L	picogram/liter

< less than - The number following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably determined using this specific test.

> greater than

ppm parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

Data Qualifiers:

C – result confirmed by reanalysis.

J - estimated value – The result is \geq the Method Detection Limit (MDL) and $<$ the Limit of Quantitation (LOQ).

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers

- A** TIC is a possible aldol-condensation product
- B** Analyte was also detected in the blank
- C** Pesticide result confirmed by GC/MS
- D** Compound quantitated on a diluted sample
- E** Concentration exceeds the calibration range of the instrument
- N** Presumptive evidence of a compound (TICs only)
- P** Concentration difference between primary and confirmation columns $>25\%$
- U** Compound was not detected
- X,Y,Z** Defined in case narrative

Inorganic Qualifiers

- B** Value is $<$ CRDL, but \geq IDL
- E** Estimated due to interference
- M** Duplicate injection precision not met
- N** Spike sample not within control limits
- S** Method of standard additions (MSA) used for calculation
- U** Compound was not detected
- W** Post digestion spike out of control limits
- *** Duplicate analysis not within control limits
- +** Correlation coefficient for MSA <0.995

Analytical test results meet all requirements of NELAC unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

Times are local to the area of activity. Parameters listed in the 40 CFR part 136 Table II as “analyze immediately” are not performed within 15 minutes.

WARRANTY AND LIMITS OF LIABILITY - In accepting analytical work, we warrant the accuracy of test results for the sample as submitted. THE FOREGOING EXPRESS WARRANTY IS EXCLUSIVE AND IS GIVEN IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED. WE DISCLAIM ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING A WARRANTY OF FITNESS FOR PARTICULAR PURPOSE AND WARRANTY OF MERCHANTABILITY. IN NO EVENT SHALL EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL, LLC BE LIABLE FOR INDIRECT, SPECIAL, CONSEQUENTIAL, OR INCIDENTAL DAMAGES INCLUDING, BUT NOT LIMITED TO, DAMAGES FOR LOSS OF PROFIT OR GOODWILL REGARDLESS OF (A) THE NEGLIGENCE (EITHER SOLE OR CONCURRENT) OF EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL AND (B) WHETHER EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL HAS BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES. We accept no legal responsibility for the purposes for which the client uses the test results. No purchase order or other order for work shall be accepted by Eurofins Lancaster Laboratories Environmental which includes any conditions that vary from the Standard Terms and Conditions, and Eurofins Lancaster Laboratories Environmental hereby objects to any conflicting terms contained in any acceptance or order submitted by client.

ANALYTICAL RESULTS

Prepared by:

Eurofins Lancaster Laboratories Environmental
2425 New Holland Pike
Lancaster, PA 17601

Prepared for:

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

August 27, 2013

Project: Avery Dennison / Flowery Branch, GA

Submittal Date: 08/17/2013
Group Number: 1412314
PO Number: 1-0145-4
State of Sample Origin: GA

Client Sample Description

SP-3 Grab Groundwater
Trip Blank Water

Lancaster Labs (LL) #

7165610
7165611

The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Sample Analysis Record.

ELECTRONIC The Johnson Company, Inc.
COPY TO
ELECTRONIC The Johnson Company, Inc.
COPY TO

Attn: Glen Kirkpatrick

Attn: Tristan Hardy

Respectfully Submitted,



Wendy A. Kozma
Principal Specialist Group Leader

(717) 556-7257

Sample Description: SP-3 Grab Groundwater
Avery Dennison / Flowery Branch, GA

LL Sample # WW 7165610
LL Group # 1412314
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 08/14/2013 15:00 by EM

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

Submitted: 08/17/2013 09:55
Reported: 08/27/2013 15:34

AVDY3

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles	SW-846 8260B	ug/l	ug/l	
10335	Acetone	67-64-1	< 20	20	1
10335	Benzene	71-43-2	< 5	5	1
10335	Bromodichloromethane	75-27-4	< 5	5	1
10335	Bromoform	75-25-2	< 5	5	1
10335	Bromomethane	74-83-9	< 5	5	1
10335	2-Butanone	78-93-3	< 10	10	1
10335	Carbon Disulfide	75-15-0	< 5	5	1
10335	Carbon Tetrachloride	56-23-5	< 5	5	1
10335	Chlorobenzene	108-90-7	< 5	5	1
10335	Chloroethane	75-00-3	< 5	5	1
10335	Chloroform	67-66-3	< 5	5	1
10335	Chloromethane	74-87-3	< 5	5	1
10335	Dibromochloromethane	124-48-1	< 5	5	1
10335	1,1-Dichloroethane	75-34-3	< 5	5	1
10335	1,2-Dichloroethane	107-06-2	< 5	5	1
10335	1,1-Dichloroethene	75-35-4	< 2	2	1
10335	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10335	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10335	1,2-Dichloropropane	78-87-5	< 5	5	1
10335	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10335	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10335	Ethylbenzene	100-41-4	< 5	5	1
10335	2-Hexanone	591-78-6	< 10	10	1
10335	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10335	Methylene Chloride	75-09-2	< 5	5	1
10335	Styrene	100-42-5	< 5	5	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10335	Tetrachloroethene	127-18-4	< 5	5	1
10335	Toluene	108-88-3	< 5	5	1
10335	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10335	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10335	Trichloroethene	79-01-6	< 5	5	1
10335	Vinyl Chloride	75-01-4	< 2	2	1
10335	Xylene (Total)	1330-20-7	< 5	5	1
GC/MS	Volatiles	SW-846 8260B SIM	ug/l	ug/l	
00527	1,4-Dioxane	123-91-1	< 2.0	2.0	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/14

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial# Batch#	Analysis Date and Time	Analyst	Dilution Factor
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Sample Description: SP-3 Grab Groundwater
Avery Dennison / Flowery Branch, GA

LL Sample # WW 7165610
LL Group # 1412314
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 08/14/2013 15:00 by EM The Johnson Company, Inc.
Suite 600
Submitted: 08/17/2013 09:55 100 State Street
Reported: 08/27/2013 15:34 Montpelier VT 05602

AVDY3

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	8260 Ext. Water Master w/GRO	SW-846 8260B	1	L132321AA	08/20/2013 12:52	Angela D Sneeringer	1
00527	1,4-Dioxane by Isotope Dil SIM	SW-846 8260B SIM	1	E132321AA	08/20/2013 16:00	Jason M Long	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L132321AA	08/20/2013 12:52	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	2	E132321AA	08/20/2013 16:00	Jason M Long	1

Sample Description: Trip Blank Water
Avery Dennison / Flowery Branch, GA

LL Sample # WW 7165611
LL Group # 1412314
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 08/14/2013 15:00

The Johnson Company, Inc.

Submitted: 08/17/2013 09:55

Suite 600

Reported: 08/27/2013 15:34

100 State Street

Montpelier VT 05602

AVDT2

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles	SW-846 8260B	ug/l	ug/l	
10335	Acetone	67-64-1	< 20	20	1
10335	Benzene	71-43-2	< 5	5	1
10335	Bromodichloromethane	75-27-4	< 5	5	1
10335	Bromoform	75-25-2	< 5	5	1
10335	Bromomethane	74-83-9	< 5	5	1
10335	2-Butanone	78-93-3	< 10	10	1
10335	Carbon Disulfide	75-15-0	< 5	5	1
10335	Carbon Tetrachloride	56-23-5	< 5	5	1
10335	Chlorobenzene	108-90-7	< 5	5	1
10335	Chloroethane	75-00-3	< 5	5	1
10335	Chloroform	67-66-3	< 5	5	1
10335	Chloromethane	74-87-3	< 5	5	1
10335	Dibromochloromethane	124-48-1	< 5	5	1
10335	1,1-Dichloroethane	75-34-3	< 5	5	1
10335	1,2-Dichloroethane	107-06-2	< 5	5	1
10335	1,1-Dichloroethene	75-35-4	< 2	2	1
10335	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10335	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10335	1,2-Dichloropropane	78-87-5	< 5	5	1
10335	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10335	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10335	Ethylbenzene	100-41-4	< 5	5	1
10335	2-Hexanone	591-78-6	< 10	10	1
10335	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10335	Methylene Chloride	75-09-2	< 5	5	1
10335	Styrene	100-42-5	< 5	5	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10335	Tetrachloroethene	127-18-4	< 5	5	1
10335	Toluene	108-88-3	< 5	5	1
10335	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10335	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10335	Trichloroethene	79-01-6	< 5	5	1
10335	Vinyl Chloride	75-01-4	< 2	2	1
10335	Xylene (Total)	1330-20-7	< 5	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/14

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	8260 Ext. Water Master w/GRO	SW-846 8260B	1	L132321AA	08/20/2013 12:08	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L132321AA	08/20/2013 12:08	Angela D Sneeringer	1

Quality Control Summary

Client Name: The Johnson Company, Inc.
Reported: 08/27/13 at 03:34 PM

Group Number: 1412314

Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

All Inorganic Initial Calibration and Continuing Calibration Blanks met acceptable method criteria unless otherwise noted on the Analysis Report.

Laboratory Compliance Quality Control

<u>Analysis Name</u>	<u>Blank Result</u>	<u>Blank LOQ</u>	<u>Report Units</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>LCS/LCSD Limits</u>	<u>RPD</u>	<u>RPD Max</u>
Batch number: E132321AA	Sample number(s): 7165610							
1,4-Dioxane	< 2.0	2.0	ug/l	108		80-123		
Batch number: L132321AA	Sample number(s): 7165610-7165611							
Acetone	< 20	20.	ug/l	91		38-157		
Benzene	< 5	5.	ug/l	90		78-120		
Bromodichloromethane	< 5	5.	ug/l	94		73-120		
Bromoform	< 5	5.	ug/l	90		61-120		
Bromomethane	< 5	5.	ug/l	81		51-120		
2-Butanone	< 10	10.	ug/l	96		58-126		
Carbon Disulfide	< 5	5.	ug/l	81		58-126		
Carbon Tetrachloride	< 5	5.	ug/l	102		74-130		
Chlorobenzene	< 5	5.	ug/l	89		80-120		
Chloroethane	< 5	5.	ug/l	77		45-120		
Chloroform	< 5	5.	ug/l	97		77-122		
Chloromethane	< 5	5.	ug/l	73		55-120		
Dibromochloromethane	< 5	5.	ug/l	93		72-120		
1,1-Dichloroethane	< 5	5.	ug/l	93		80-120		
1,2-Dichloroethane	< 5	5.	ug/l	108		71-130		
1,1-Dichloroethene	< 2	2.	ug/l	83		76-124		
cis-1,2-Dichloroethene	< 5	5.	ug/l	89		80-120		
trans-1,2-Dichloroethene	< 5	5.	ug/l	89		80-120		
1,2-Dichloropropane	< 5	5.	ug/l	93		80-120		
cis-1,3-Dichloropropene	< 5	5.	ug/l	91		80-120		
trans-1,3-Dichloropropene	< 5	5.	ug/l	92		69-120		
Ethylbenzene	< 5	5.	ug/l	87		79-120		
2-Hexanone	< 10	10.	ug/l	76		59-125		
4-Methyl-2-pentanone	< 10	10.	ug/l	83		59-120		
Methylene Chloride	< 5	5.	ug/l	89		80-120		
Styrene	< 5	5.	ug/l	83		80-120		
1,1,2,2-Tetrachloroethane	< 5	5.	ug/l	88		70-120		
Tetrachloroethene	< 5	5.	ug/l	92		80-120		
Toluene	< 5	5.	ug/l	88		80-120		
1,1,1-Trichloroethane	< 5	5.	ug/l	87		66-126		
1,1,2-Trichloroethane	< 5	5.	ug/l	93		80-120		
Trichloroethene	< 5	5.	ug/l	91		80-120		
Vinyl Chloride	< 2	2.	ug/l	77		63-120		
Xylene (Total)	< 5	5.	ug/l	87		80-120		

Sample Matrix Quality Control

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: The Johnson Company, Inc.

Group Number: 1412314

Reported: 08/27/13 at 03:34 PM

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

<u>Analysis Name</u>	<u>MS %REC</u>	<u>MSD %REC</u>	<u>MS/MSD Limits</u>	<u>RPD</u>	<u>RPD MAX</u>	<u>BKG Conc</u>	<u>DUP Conc</u>	<u>DUP RPD</u>	<u>Dup RPD Max</u>
Batch number: E132321AA	Sample number(s): 7165610 UNSPK: P163108								
1,4-Dioxane	106	109	73-138	2	30				
Batch number: L132321AA	Sample number(s): 7165610-7165611 UNSPK: P166435								
Acetone	95	96	35-144	1	30				
Benzene	100	101	72-134	1	30				
Bromodichloromethane	106	101	38-137	4	30				
Bromoform	89	88	48-118	1	30				
Bromomethane	90	86	47-129	4	30				
2-Butanone	98	98	53-124	1	30				
Carbon Disulfide	127	123	53-149	3	30				
Carbon Tetrachloride	122	119	72-135	2	30				
Chlorobenzene	101	100	87-124	1	30				
Chloroethane	91	86	51-145	5	30				
Chloroform	111	109	81-134	2	30				
Chloromethane	86	81	50-131	5	30				
Dibromochloromethane	97	97	74-116	0	30				
1,1-Dichloroethane	110	108	84-129	2	30				
1,2-Dichloroethane	119	115	68-131	4	30				
1,1-Dichloroethene	116	112	75-155	4	30				
cis-1,2-Dichloroethene	102	101	80-141	2	30				
trans-1,2-Dichloroethene	110	106	81-142	3	30				
1,2-Dichloropropane	109	106	83-124	2	30				
cis-1,3-Dichloropropene	99	97	70-116	1	30				
trans-1,3-Dichloropropene	95	95	74-119	0	30				
Ethylbenzene	-283 (2)	-308 (2)	71-134	1	30				
2-Hexanone	77	78	55-127	1	30				
4-Methyl-2-pentanone	86	85	63-123	1	30				
Methylene Chloride	119	106	78-133	12	30				
Styrene	236*	242*	78-125	2	30				
1,1,2,2-Tetrachloroethane	97	98	72-128	1	30				
Tetrachloroethene	109	108	80-128	1	30				
Toluene	-181 (2)	-27 (2)	80-125	4	30				
1,1,1-Trichloroethane	104	101	69-140	3	30				
1,1,2-Trichloroethane	101	101	71-141	1	30				
Trichloroethene	108	105	88-133	3	30				
Vinyl Chloride	95	89	66-133	7	30				
Xylene (Total)	-416 (2)	-368 (2)	79-125	1	30				

Surrogate Quality Control

Surrogate recoveries which are outside of the QC window are confirmed unless attributed to dilution or otherwise noted on the Analysis Report.

Analysis Name: 1,4-Dioxane by Isotope Dil SIM
Batch number: E132321AA

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: The Johnson Company, Inc.
Reported: 08/27/13 at 03:34 PM

Group Number: 1412314

Surrogate Quality Control

Toluene-d8

7165610	95
Blank	96
LCS	96
MS	95
MSD	96

Limits: 80-120

Analysis Name: 8260 Ext. Water Master w/GRO
Batch number: L132321AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
7165610	104	106	98	94
7165611	101	105	98	96
Blank	102	105	98	96
LCS	100	105	101	99
MS	101	102	100	102
MSD	97	101	100	101

Limits: 80-116 77-113 80-113 78-113

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The unspiked result was more than four times the spike added.

Wendy Kozma

G# 1412314

From: Joel Behrsing [J-B@jcomail.com]
Sent: Wednesday, August 21, 2013 8:38 AM
To: Wendy Kozma
Cc: emudd@cwaterservices.com; Charles Farmer
Subject: RE: Acknowledgement(1412314, Avery Dennison / Flowery Branch, GA, 08/17/2013 09:55:00)

Wendy – please do not analyze the trip blank for 1,4 dioxane.

Thanks

Joel

From: Wendy Kozma [mailto:WKozma@lancasterlabs.com]
Sent: Sunday, August 18, 2013 7:26 PM
To: Glen Kirkpatrick; Tristan Hardy
Subject: Acknowledgement(1412314, Avery Dennison / Flowery Branch, GA, 08/17/2013 09:55:00)

Please confirm that the COC is filled out correctly and that 1,4-dioxane should be analyzed on the sample and TB. Thanks!

8/21/2013

Environmental Sample Administration
Receipt Documentation Log

1412314

Client/Project: Johnson Company
 Date of Receipt: 8-17-13
 Time of Receipt: 0955
 Source Code: 50

Shipping Container Sealed: YES NO

Custody Seal Present * : YES NO

* Custody seal was intact unless otherwise noted in the discrepancy section

Package: Chilled Not Chilled

Temperature of Shipping Containers

Cooler #	Thermometer ID	Temperature (°C)	Temp Bottle (TB) or Surface Temp (ST)	Wet Ice (WI) or Dry Ice (DI) or Ice Packs (IP)	Ice Present? Y/N	Loose (L) Bagged Ice (B) or NA	Comments
1	D7131	0.7	TB	WI	Y	B	
2	↓	0.4	↓	↓	↓	↓	
3							
4							
5							
6							

Number of Trip Blanks received NOT listed on chain of custody: _____

Paperwork Discrepancy/Unpacking Problems:

Unpacker Signature/Emp#: [Signature] 520 Date/Time: 8-17-13 1200

Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

RL	Reporting Limit	BMQL	Below Minimum Quantitation Level
N.D.	none detected	MPN	Most Probable Number
TNTC	Too Numerous To Count	CP Units	cobalt-chloroplatinate units
IU	International Units	NTU	nephelometric turbidity units
umhos/cm	micromhos/cm	ng	nanogram(s)
C	degrees Celsius	F	degrees Fahrenheit
meq	milliequivalents	lb.	pound(s)
g	gram(s)	kg	kilogram(s)
µg	microgram(s)	mg	milligram(s)
mL	milliliter(s)	L	liter(s)
m3	cubic meter(s)	µL	microliter(s)
		pg/L	picogram/liter

< less than - The number following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably determined using this specific test.

> greater than

ppm parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

Data Qualifiers:

C – result confirmed by reanalysis.

J - estimated value – The result is \geq the Method Detection Limit (MDL) and $<$ the Limit of Quantitation (LOQ).

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers

Inorganic Qualifiers

A	TIC is a possible aldol-condensation product	B	Value is $<$ CRDL, but \geq IDL
B	Analyte was also detected in the blank	E	Estimated due to interference
C	Pesticide result confirmed by GC/MS	M	Duplicate injection precision not met
D	Compound quantitated on a diluted sample	N	Spike sample not within control limits
E	Concentration exceeds the calibration range of the instrument	S	Method of standard additions (MSA) used for calculation
N	Presumptive evidence of a compound (TICs only)	U	Compound was not detected
P	Concentration difference between primary and confirmation columns $>$ 25%	W	Post digestion spike out of control limits
U	Compound was not detected	*	Duplicate analysis not within control limits
X,Y,Z	Defined in case narrative	+	Correlation coefficient for MSA $<$ 0.995

Analytical test results meet all requirements of NELAC unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

Times are local to the area of activity. Parameters listed in the 40 CFR part 136 Table II as “analyze immediately” are not performed within 15 minutes.

WARRANTY AND LIMITS OF LIABILITY - In accepting analytical work, we warrant the accuracy of test results for the sample as submitted. THE FOREGOING EXPRESS WARRANTY IS EXCLUSIVE AND IS GIVEN IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED. WE DISCLAIM ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING A WARRANTY OF FITNESS FOR PARTICULAR PURPOSE AND WARRANTY OF MERCHANTABILITY. IN NO EVENT SHALL EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL, LLC BE LIABLE FOR INDIRECT, SPECIAL, CONSEQUENTIAL, OR INCIDENTAL DAMAGES INCLUDING, BUT NOT LIMITED TO, DAMAGES FOR LOSS OF PROFIT OR GOODWILL REGARDLESS OF (A) THE NEGLIGENCE (EITHER SOLE OR CONCURRENT) OF EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL AND (B) WHETHER EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL HAS BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES. We accept no legal responsibility for the purposes for which the client uses the test results. No purchase order or other order for work shall be accepted by Eurofins Lancaster Laboratories Environmental which includes any conditions that vary from the Standard Terms and Conditions, and Eurofins Lancaster Laboratories Environmental hereby objects to any conflicting terms contained in any acceptance or order submitted by client.

ATTACHMENT 3

OPERATOR SITE VISIT LOG
MULTIPHASE EXTRACTION AND GROUNDWATER TREATMENT SYSTEM
AVERY DENNISON FACILITY
FLOWERY BRANCH, GEORGIA

OPERATOR: Em/Dw License #: ww3-014717 Date: 7-1-13

TIME ON/OFF SITE: 1:00pm - 3:00pm 3hr

PURPOSE OF INSPECTION: (circle the appropriate condition):

Routine

Sampling Event

Upset Condition¹

Modified Operation¹

Other¹

Note: ¹Describe in comments section

LIQUID RING PUMP SYSTEM:

Vacuum at Air/Water Separator 7 inch Hg

Vacuum at LR pump 1 inch Hg; Temperature at LR Pump 155 °F

LR Pump Outlet Filter Pressure 18 PSIG; LR Pump Oil Level 3/4

LR Pump Stack Temperature 140 °F; LR Pump Stack Differential Pressure 1 inch H₂O

Dilution Air Flow Rate 14 scfm; Dilution Valve Position 40 % open

A/W transfer pump discharge pressure .5 PSIG

Flow meter FM-1 Rate 9 gpm; Total Flow 348090 gallons

EQUALIZATION TANK

Condition good Tank Inventory 3200 gallons (approximate)

AIR STRIPPER SYSTEM

Condition good Sump Water Level 8 (inches)

AS feed pump discharge pressure: 1.1 PSIG

Flow Meter FM-2 Rate: 8 gpm Total Flow: 2329200 gallons

AS Stack Differential Pressure 7 inch H₂O; AS Blower damper 10 % open

AS transfer pump discharge pressure: _____ PSIG

POWER USE METER

Power Use: 126665 (Kilowatt Hours)

OPERATOR SITE VISIT LOG
MULTIPHASE EXTRACTION AND GROUNDWATER TREATMENT SYSTEM
AVERY DENNISON FACILITY
FLOWERY BRANCH, GEORGIA

ADVANCED OXIDATION SYSTEM

HYDROGEN PEROXIDE (H₂O₂) SYSTEM:

H₂O₂ Storage Tank Inventory 32 inches
Pressure @ PI-600 42 PSIG; Pressure @ PI-601 43 PSIG
H₂O₂ Metering Pump 8.2 % speed M/A

REACTOR SYSTEM:

Pressure @ PI-101 23 PSIG; Pressure @ PI-102 20 PSIG
Flow meter FE-100 Rate 8.5 gpm;
Pressure @ PI-201 6 PSIG; Pressure @ PI-202 11 PSIG
Feed Tank: Condition good Tank Inventory 90 gallons (approximate)

CHILLER SYSTEM

Pressure @ PI-500 35 PSIG; Pressure @ PI-501 32 PSIG
Temperature @ TI-500 70 °F; Flow @ FI-500 1.3 gpm
Fluid outlet pressure: 15 PSIG

OZONE GENERATOR SYSTEM

Pressure @ PI-350 60 PSIG; Pressure @ PI-351 39 PSIG
Pressure @ PI-400 27 PSIG; Pressure @ PI-401 21 PSIG

LIQUID OXYGEN (LOX) SYSTEM

Active Cylinder Left or Right (circle one) Pressure 100 PSIG
Standby Cylinder Left or Right (circle one) Pressure 100 PSIG
Line Pressure 400 PSIG

Left Cylinder Inventory 1/2 Right Cylinder Inventory Empty

SYSTEM DISCHARGE

Totalizer Reading: 234 990 gallons
Flow Rate Reading: 7 gallons per minute

OPERATOR SITE VISIT LOG
MULTIPHASE EXTRACTION AND GROUNDWATER TREATMENT SYSTEM
AVERY DENNISON FACILITY
FLOWERY BRANCH, GEORGIA

OPERATOR: EM / DW License #: ww3-014717 Date: 7-11-13

TIME ON/OFF SITE: 2:00 - 4:00 pm 2hr.

PURPOSE OF INSPECTION: (circle the appropriate condition):

Routine Sampling Event Upset Condition¹ Modified Operation¹ Other¹

Note: ¹Describe in comments section

LIQUID RING PUMP SYSTEM:

Vacuum at Air/Water Separator 6 inch Hg
Vacuum at LR pump 19 inch Hg; Temperature at LR Pump 145 °F
LR Pump Outlet Filter Pressure 1.5 PSIG; LR Pump Oil Level 10V
LR Pump Stack Temperature 120 °F; LR Pump Stack Differential Pressure 1 inch H₂O
Dilution Air Flow Rate 15 scfm; Dilution Valve Position 45 % open
A/W transfer pump discharge pressure .5 PSIG
Flow meter FM-1 Rate 8 gpm; Total Flow 394930 gallons

EQUALIZATION TANK

Condition good Tank Inventory 1500 gallons (approximate)

AIR STRIPPER SYSTEM

Condition good Sump Water Level 6 (inches)
AS feed pump discharge pressure: .15 PSIG
Flow Meter FM-2 Rate: 8.1 gpm Total Flow: 301200 gallons
AS Stack Differential Pressure 8 inch H₂O; AS Blower damper 10 % open
~~AS transfer pump discharge pressure: _____ PSIG~~

POWER USE METER

Power Use: 129915 (Kilowatt Hours)

OPERATOR SITE VISIT LOG
MULTIPHASE EXTRACTION AND GROUNDWATER TREATMENT SYSTEM
AVERY DENNISON FACILITY
FLOWERY BRANCH, GEORGIA

ADVANCED OXIDATION SYSTEM

HYDROGEN PEROXIDE (H₂O₂) SYSTEM:

H₂O₂ Storage Tank Inventory 31 inches
Pressure @ PI-600 43 PSIG; Pressure @ PI-601 48 PSIG
H₂O₂ Metering Pump 7.4 %-speed *MW*

REACTOR SYSTEM:

Pressure @ PI-101 20 PSIG; Pressure @ PI-102 18 PSIG
Flow meter FE-100 Rate 8.3 gpm;
Pressure @ PI-201 6 PSIG; Pressure @ PI-202 9 PSIG
Feed Tank: Condition good Tank Inventory 123 gallons (approximate)

CHILLER SYSTEM

Pressure @ PI-500 33 PSIG; Pressure @ PI-501 32 PSIG
Temperature @ TI-500 70 °F; Flow @ FI-500 1.4 gpm
Fluid outlet pressure: 15 PSIG

OZONE GENERATOR SYSTEM

Pressure @ PI-350 59 PSIG; Pressure @ PI-351 38 PSIG
Pressure @ PI-400 33 PSIG; Pressure @ PI-401 20 PSIG

LIQUID OXYGEN (LOX) SYSTEM

Active Cylinder	Left or Right (circle one)	Pressure _____ PSIG
Standby Cylinder	Left or Right (circle one)	Pressure _____ PSIG
Line Pressure	_____ PSIG	

Left Cylinder Inventory _____ Right Cylinder Inventory _____

SYSTEM DISCHARGE

Totalizer Reading: 294973 gallons
Flow Rate Reading: 8.5 gallons per minute

OPERATOR SITE VISIT LOG
MULTIPHASE EXTRACTION AND GROUNDWATER TREATMENT SYSTEM
AVERY DENNISON FACILITY
FLOWERY BRANCH, GEORGIA

OPERATOR: DW/Em License #: ww3-014717 Date: 7-16-13

TIME ON/OFF SITE: 2:00 - 4:00 pm

PURPOSE OF INSPECTION: (circle the appropriate condition):

Routine

Sampling Event

Upset Condition¹

Modified Operation¹

Other¹

Note: ¹Describe in comments section

LIQUID RING PUMP SYSTEM:

Vacuum at Air/Water Separator 8 inch Hg

Vacuum at LR pump 18 inch Hg; Temperature at LR Pump 70 °F

LR Pump Outlet Filter Pressure 1.5 PSIG; LR Pump Oil Level low

LR Pump Stack Temperature 120 °F; LR Pump Stack Differential Pressure 1 inch H₂O

Dilution Air Flow Rate 10 scfm; Dilution Valve Position 45 % open

A/W transfer pump discharge pressure .5 PSIG

Flow meter FM-1 Rate 100 gpm; Total Flow 451980 ~~360800~~ gallons

EQUALIZATION TANK

Condition good Tank Inventory 2300 gallons (approximate)

AIR STRIPPER SYSTEM

Condition good Sump Water Level 6 (inches)

AS feed pump discharge pressure: .15 PSIG

Flow Meter FM-2 Rate: 9 gpm Total Flow: 360800 gallons

AS Stack Differential Pressure 8 inch H₂O; AS Blower damper 10 % open

AS transfer pump discharge pressure: PSIG

POWER USE METER

Power Use: 133426 (Kilowatt Hours)

OPERATOR SITE VISIT LOG
MULTIPHASE EXTRACTION AND GROUNDWATER TREATMENT SYSTEM
AVERY DENNISON FACILITY
FLOWERY BRANCH, GEORGIA

COMMENTS

SP-1 PH = 7.31

SP-2 PH = 7.35

SP-3 PH = 7.25

SP-3 ~~to~~ colorimetric test - 2

SP-3 hydroxyl peroxide test - 2

SAMPLE COLLECTION AND FIELD MEASUREMENTS LOG
MULTIPHASE EXTRACTION AND GROUNDWATER TREATMENT SYSTEM
AVERY DENNISON FACILITY
FLOWERY BRANCH, GEORGIA

SYSTEM GROUNDWATER FIELD MEASUREMENTS

SAMPLE LOCATION/ID	SAMPLE POINT ID	TARGET ANALYTE AND METHOD	UNITS	RESULT	SAMPLER
Treated discharge from AOP	SP-3	Dissolved Ozone Concentration via Hach Colorimetric Test Kit.	Parts per million (ppm / mg/L)	0.2	DW
Treated discharge from AOP	SP-3	Hydrogen Peroxide Concentration via Test Strips	Parts per million (ppm / mg/L)	2	
Treated discharge from AOP	SP-3	pH via calibrated field meter provided by Complete Water Services	Standard Units (s.u.)	7.25	
Air stripper feed water - discharge from feed pump	SP-2	pH via calibrated field meter provided by Complete Water Services	Standard Units (s.u.)	7.35	
Treated water from air stripper sump, influent to AOP	SP-1	pH via calibrated field meter provided by Complete Water Services	Standard Units (s.u.)	7.31	

OPERATOR SITE VISIT LOG
MULTIPHASE EXTRACTION AND GROUNDWATER TREATMENT SYSTEM
AVERY DENNISON FACILITY
FLOWERY BRANCH, GEORGIA

OPERATOR: Em / DW License #: WV3-014717 Date: 8-1-13

TIME ON/OFF SITE: 2-4 Pm

PURPOSE OF INSPECTION: (circle the appropriate condition):

Routine Sampling Event Upset Condition¹ Modified Operation¹ Other¹

Note: ¹Describe in comments section

LIQUID RING PUMP SYSTEM:

Vacuum at Air/Water Separator 8 inch Hg
Vacuum at LR pump 20 inch Hg; Temperature at LR Pump 160 °F
LR Pump Outlet Filter Pressure 23 PSIG; LR Pump Oil Level 3/4
LR Pump Stack Temperature 150 °F; LR Pump Stack Differential Pressure 0 inch H₂O
Dilution Air Flow Rate 0 scfm; Dilution Valve Position 45 % open
A/W transfer pump discharge pressure .5 PSIG
Flow meter FM-1 Rate 9 gpm; Total Flow 565110 gallons

EQUALIZATION TANK

Condition good Tank Inventory 1800 gallons (approximate)

AIR STRIPPER SYSTEM

Condition good Sump Water Level 8 (inches)
AS feed pump discharge pressure: _____ PSIG
Flow Meter FM-2 Rate: 9.3 gpm Total Flow: 505600 gallons
AS Stack Differential Pressure 5 inch H₂O; AS Blower damper 10 % open
AS transfer pump discharge pressure: _____ PSIG

POWER USE METER

Power Use: 136300 (Kilowatt Hours)

OPERATOR SITE VISIT LOG
MULTIPHASE EXTRACTION AND GROUNDWATER TREATMENT SYSTEM
AVERY DENNISON FACILITY
FLOWERY BRANCH, GEORGIA

ADVANCED OXIDATION SYSTEM

HYDROGEN PEROXIDE (H₂O₂) SYSTEM:

H₂O₂ Storage Tank Inventory 28 inches
Pressure @ PI-600 40 PSIG; Pressure @ PI-601 40 PSIG
H₂O₂ Metering Pump 7.8 % speed *M/V*

REACTOR SYSTEM:

Pressure @ PI-101 25 PSIG; Pressure @ PI-102 20 PSIG
Flow meter FE-100 Rate 9.2 gpm;
Pressure @ PI-201 6 PSIG; Pressure @ PI-202 11 PSIG
Feed Tank: Condition good Tank Inventory 170 gallons (approximate)

CHILLER SYSTEM

Pressure @ PI-500 35 PSIG; Pressure @ PI-501 34 PSIG
Temperature @ TI-500 68 °F; Flow @ FI-500 _____ gpm
Fluid outlet pressure: 15 PSIG

OZONE GENERATOR SYSTEM

Pressure @ PI-350 58 PSIG; Pressure @ PI-351 39 PSIG
Pressure @ PI-400 38 PSIG; Pressure @ PI-401 16 PSIG

LIQUID OXYGEN (LOX) SYSTEM

Active Cylinder Left or Right Pressure 200 PSIG
(circle one)
Standby Cylinder Left or Right Pressure 200 PSIG
(circle one)
Line Pressure 400 PSIG

Left Cylinder Inventory Full Right Cylinder Inventory Full

SYSTEM DISCHARGE

Totalizer Reading: 49 3680 gallons
Flow Rate Reading: 9.5 gallons per minute

OPERATOR SITE VISIT LOG
MULTIPHASE EXTRACTION AND GROUNDWATER TREATMENT SYSTEM
AVERY DENNISON FACILITY
FLOWERY BRANCH, GEORGIA

COMMENTS SP-1 Ph = 6.26

SP-3 Ph = 6.48

Peroxide - .5

Chlorine - .1

Ozone 03

\\server02\projects\1-0145-4\Remediation\o&m\051713 combined MPE & AOP form.doc

OPERATOR SITE VISIT LOG
MULTIPHASE EXTRACTION AND GROUNDWATER TREATMENT SYSTEM
AVERY DENNISON FACILITY
FLOWERY BRANCH, GEORGIA

OPERATOR: DW / EM License #: _____ Date: 8-14-13

TIME ON/OFF SITE: _____

PURPOSE OF INSPECTION: (circle the appropriate condition):

Routine Sampling Event Upset Condition¹ Modified Operation¹ Other¹

Note: ¹Describe in comments section

LIQUID RING PUMP SYSTEM:

Vacuum at Air/Water Separator 20 inch Hg
Vacuum at LR pump 23 inch Hg; Temperature at LR Pump 145 °F
LR Pump Outlet Filter Pressure 20 PSIG; LR Pump Oil Level @ Fill Line
LR Pump Stack Temperature 150 °F; LR Pump Stack Differential Pressure 0 inch H₂O
Dilution Air Flow Rate 0 scfm; Dilution Valve Position 35 % open
A/W transfer pump discharge pressure 2 PSIG
Flow meter FM-1 Rate 9 gpm; Total Flow 700670 gallons

EQUALIZATION TANK

Condition Good Tank Inventory 2700 gallons (approximate)

AIR STRIPPER SYSTEM

Condition good Sump Water Level 8 (inches)
AS feed pump discharge pressure: 1 PSIG
Flow Meter FM-2 Rate: 8.5 gpm Total Flow: 671300 gallons
AS Stack Differential Pressure 1 inch H₂O; AS Blower damper _____ % open
~~AS transfer pump discharge pressure: 1 PSIG~~

POWER USE METER

Power Use: 150951 (Kilowatt Hours)



Avery Dennison Corporation
Environmental, Health & Safety
130 Walnut Street
Douglas, MA 01516 USA
Office: 508/ 476 5041
Fax: 508/476-5159

January 06, 2014

Georgia Environmental Protection Division
Wastewater Regulatory Program
4220 International Parkway, Suite 101
Atlanta, Georgia 30354-2830

Re: NPDES Permit #GAP050282
Groundwater Treatment System: Avery Dennison Facility, Flowery Branch, GA
Operation Monitoring Report: Period Ending 12/31/2013 (Q4 2013)

ATTN: Data Clerk

This letter and its attachments constitute the Industrial Wastewater Operation Monitoring Report (OMR) for the above referenced treatment system (the System) for the period October 1, 2013 to December 31, 2013 (Q4 2013). *Attachment 1* provides the Discharge Monitoring Report form (the DMR); *Attachment 2* provides the associated laboratory analytical report; and *Attachment 3* provides the Operator field forms, including effluent pH measurements recorded with a calibrated field instrument.

The monthly average daily flow presented in *Attachment 1* is the calculated average daily flow from the month with the highest recorded total flow, which is December 2013 (i.e., the total flow for December divided by the number of days the system was in operation during that month). The maximum daily flow during Q4 2013, 14,121 gallons on October 24th, is below the permitted discharge volume of 15,000 gallons per day.

As specified in the permit, a minimum of one discharge sampling event occurred during the fourth quarter of 2013. A grab sample of the discharge was collected for analysis of VOCs and pH was measured with a calibrated field instrument on October 16, 2013.

No analytes named on the United States Environmental Protection Agency (EPA) Total Toxic Organics (TTO) list, as presented in 40 CFR §433.11(e), were detected in the effluent sample analyzed during the reporting period.

Sincerely,

A handwritten signature in black ink that reads "Bruce Martin".

Bruce Martin
Manager, Corporate Remediation Services

cc: Jimmy Dean, Superintendent Water & Sewer Department – Flowery Branch

ATTACHMENT 1

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

NAME: AVERY DENNISON CORP
ADDRESS: 130 WALNUT ST
DOUGLAS, MA 01516
FACILITY: AVERY DENNISON
LOCATION: 4350 AVERY DRIVE
FLOWERY BRANCH, GA 30542-2830

GAP050282	00A-1
PERMIT NUMBER	DISCHARGE NUMBER

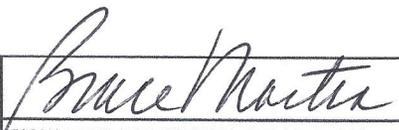
DMR Mailing ZIP CODE: 30542-2830
MINOR
(SUBR IP) JENN
DISCH # 001
External Outfall

MONITORING PERIOD	
MM/DD/YYYY	MM/DD/YYYY
10/01/2013	12/31/2013

FROM TO

No Discharge

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
pH 00400 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****	*****		7.23		SU	0		
	PERMIT REQUIREMENT	*****	*****	*****	6 MINIMUM	*****	9 MAXIMUM	SU		Quarterly	GRAB
Flow, in conduit or thru treatment plant 50050 1 0 Effluent Gross	SAMPLE MEASUREMENT	0.0119	0.0141	MGD	*****	*****	*****	*****	0		
	PERMIT REQUIREMENT	Req. Mon. MO AVG	.015 DAILY MX	MGD	*****	*****	*****	*****		Daily	CONTIN
Total toxic organics (TTO) (40 CFR433) 78224 1 0 Effluent Gross	SAMPLE MEASUREMENT	0.0	0.0	lb/d	*****	*****	*****	*****	0		
	PERMIT REQUIREMENT	.21 MO AVG	.53 DAILY MX	lb/d	*****	*****	*****	*****		Quarterly	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER Bruce Martin/Manager of Environmental Remediation Systems TYPED OR PRINTED	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		TELEPHONE	DATE
			(508) 476-5041	1-7-14
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		AREA Code	NUMBER	MM/DD/YYYY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

ATTACHMENT 2

ANALYTICAL RESULTS

Prepared by:

Eurofins Lancaster Laboratories Environmental
2425 New Holland Pike
Lancaster, PA 17601

Prepared for:

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

October 30, 2013

Project: Avery Dennison / Flowery Branch, GA

Submittal Date: 10/18/2013
Group Number: 1427541
PO Number: 1-0145-4
State of Sample Origin: GA

Client Sample Description

SP-3 Grab Groundwater
Trip Blank Water

Lancaster Labs (LL) #

7242860
7242861

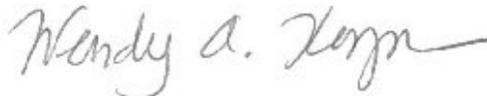
The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Sample Analysis Record.

ELECTRONIC The Johnson Company, Inc.
COPY TO
ELECTRONIC The Johnson Company, Inc.
COPY TO

Attn: Glen Kirkpatrick

Attn: Tristan Hardy

Respectfully Submitted,



Wendy A. Kozma
Principal Specialist Group Leader

(717) 556-7257

Sample Description: SP-3 Grab Groundwater
Avery Dennison / Flowery Branch, GA

LL Sample # WW 7242860
LL Group # 1427541
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 10/16/2013 14:00 by EM

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

Submitted: 10/18/2013 09:05

Reported: 10/30/2013 20:38

AVYS3

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles SW-846 8260B			ug/l	ug/l	
10335	Acetone	67-64-1	< 20	20	1
10335	Benzene	71-43-2	< 5	5	1
10335	Bromodichloromethane	75-27-4	< 5	5	1
10335	Bromoform	75-25-2	< 5	5	1
10335	Bromomethane	74-83-9	< 5	5	1
10335	2-Butanone	78-93-3	< 10	10	1
10335	Carbon Disulfide	75-15-0	< 5	5	1
10335	Carbon Tetrachloride	56-23-5	< 5	5	1
10335	Chlorobenzene	108-90-7	< 5	5	1
10335	Chloroethane	75-00-3	< 5	5	1
10335	Chloroform	67-66-3	< 5	5	1
10335	Chloromethane	74-87-3	< 5	5	1
10335	Dibromochloromethane	124-48-1	< 5	5	1
10335	1,1-Dichloroethane	75-34-3	< 5	5	1
10335	1,2-Dichloroethane	107-06-2	< 5	5	1
10335	1,1-Dichloroethene	75-35-4	< 2	2	1
10335	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10335	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10335	1,2-Dichloropropane	78-87-5	< 5	5	1
10335	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10335	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10335	Ethylbenzene	100-41-4	< 5	5	1
10335	2-Hexanone	591-78-6	< 10	10	1
10335	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10335	Methylene Chloride	75-09-2	< 5	5	1
10335	Styrene	100-42-5	< 5	5	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10335	Tetrachloroethene	127-18-4	< 5	5	1
10335	Toluene	108-88-3	< 5	5	1
10335	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10335	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10335	Trichloroethene	79-01-6	< 5	5	1
10335	Vinyl Chloride	75-01-4	< 2	2	1
10335	Xylene (Total)	1330-20-7	< 5	5	1
GC/MS Volatiles SW-846 8260B SIM			ug/l	ug/l	
00527	1,4-Dioxane	123-91-1	< 2.0	2.0	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/14

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial# Batch#	Analysis Date and Time	Analyst	Dilution Factor
---------	---------------	--------	---------------	------------------------	---------	-----------------

Sample Description: SP-3 Grab Groundwater
Avery Dennison / Flowery Branch, GA

LL Sample # WW 7242860
LL Group # 1427541
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 10/16/2013 14:00 by EM

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

Submitted: 10/18/2013 09:05

Reported: 10/30/2013 20:38

AVYS3

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	8260 Ext. Water Master w/GRO	SW-846 8260B	1	N132951AA	10/22/2013 12:09	Linda C Pape	1
00527	1,4-Dioxane by Isotope Dil SIM	SW-846 8260B SIM	1	E133021AA	10/29/2013 14:39	Jason M Long	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N132951AA	10/22/2013 12:09	Linda C Pape	1
01163	GC/MS VOA Water Prep	SW-846 5030B	2	E133021AA	10/29/2013 14:39	Jason M Long	1

Sample Description: Trip Blank Water
Avery Dennison / Flowery Branch, GA

LL Sample # WW 7242861
LL Group # 1427541
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 10/16/2013 14:00

The Johnson Company, Inc.

Submitted: 10/18/2013 09:05

Suite 600

Reported: 10/30/2013 20:38

100 State Street

Montpelier VT 05602

AVYTB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles	SW-846 8260B	ug/l	ug/l	
10335	Acetone	67-64-1	< 20	20	1
10335	Benzene	71-43-2	< 5	5	1
10335	Bromodichloromethane	75-27-4	< 5	5	1
10335	Bromoform	75-25-2	< 5	5	1
10335	Bromomethane	74-83-9	< 5	5	1
10335	2-Butanone	78-93-3	< 10	10	1
10335	Carbon Disulfide	75-15-0	< 5	5	1
10335	Carbon Tetrachloride	56-23-5	< 5	5	1
10335	Chlorobenzene	108-90-7	< 5	5	1
10335	Chloroethane	75-00-3	< 5	5	1
10335	Chloroform	67-66-3	< 5	5	1
10335	Chloromethane	74-87-3	< 5	5	1
10335	Dibromochloromethane	124-48-1	< 5	5	1
10335	1,1-Dichloroethane	75-34-3	< 5	5	1
10335	1,2-Dichloroethane	107-06-2	< 5	5	1
10335	1,1-Dichloroethene	75-35-4	< 2	2	1
10335	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10335	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10335	1,2-Dichloropropane	78-87-5	< 5	5	1
10335	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10335	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10335	Ethylbenzene	100-41-4	< 5	5	1
10335	2-Hexanone	591-78-6	< 10	10	1
10335	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10335	Methylene Chloride	75-09-2	< 5	5	1
10335	Styrene	100-42-5	< 5	5	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10335	Tetrachloroethene	127-18-4	< 5	5	1
10335	Toluene	108-88-3	< 5	5	1
10335	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10335	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10335	Trichloroethene	79-01-6	< 5	5	1
10335	Vinyl Chloride	75-01-4	< 2	2	1
10335	Xylene (Total)	1330-20-7	< 5	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/14

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	8260 Ext. Water Master w/GRO	SW-846 8260B	1	N132951AA	10/22/2013 10:58	Linda C Pape	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N132951AA	10/22/2013 10:58	Linda C Pape	1

Quality Control Summary

Client Name: The Johnson Company, Inc.
Reported: 10/30/13 at 08:38 PM

Group Number: 1427541

Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

All Inorganic Initial Calibration and Continuing Calibration Blanks met acceptable method criteria unless otherwise noted on the Analysis Report.

Laboratory Compliance Quality Control

<u>Analysis Name</u>	<u>Blank Result</u>	<u>Blank LOQ</u>	<u>Report Units</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>LCS/LCSD Limits</u>	<u>RPD</u>	<u>RPD Max</u>
Batch number: E133021AA	Sample number(s): 7242860							
1,4-Dioxane	< 2.0	2.0	ug/l	102	107	80-123	4	30
Batch number: N132951AA	Sample number(s): 7242860-7242861							
Acetone	< 20	20.	ug/l	99	100	38-157	1	30
Benzene	< 5	5.	ug/l	95	98	78-120	2	30
Bromodichloromethane	< 5	5.	ug/l	92	93	73-120	1	30
Bromoform	< 5	5.	ug/l	93	94	61-120	1	30
Bromomethane	< 5	5.	ug/l	89	91	51-120	2	30
2-Butanone	< 10	10.	ug/l	98	99	58-126	2	30
Carbon Disulfide	< 5	5.	ug/l	78	80	58-126	3	30
Carbon Tetrachloride	< 5	5.	ug/l	85	87	74-130	2	30
Chlorobenzene	< 5	5.	ug/l	103	105	80-120	2	30
Chloroethane	< 5	5.	ug/l	88	89	45-120	1	30
Chloroform	< 5	5.	ug/l	98	100	77-122	3	30
Chloromethane	< 5	5.	ug/l	88	91	55-120	3	30
Dibromochloromethane	< 5	5.	ug/l	89	90	72-120	1	30
1,1-Dichloroethane	< 5	5.	ug/l	95	98	80-120	2	30
1,2-Dichloroethane	< 5	5.	ug/l	100	101	71-130	2	30
1,1-Dichloroethene	< 2	2.	ug/l	92	95	76-124	3	30
cis-1,2-Dichloroethene	< 5	5.	ug/l	95	97	80-120	2	30
trans-1,2-Dichloroethene	< 5	5.	ug/l	94	96	80-120	2	30
1,2-Dichloropropane	< 5	5.	ug/l	97	99	80-120	2	30
cis-1,3-Dichloropropene	< 5	5.	ug/l	96	99	80-120	3	30
trans-1,3-Dichloropropene	< 5	5.	ug/l	88	89	69-120	1	30
Ethylbenzene	< 5	5.	ug/l	97	99	79-120	2	30
2-Hexanone	< 10	10.	ug/l	95	98	59-125	3	30
4-Methyl-2-pentanone	< 10	10.	ug/l	95	97	59-120	2	30
Methylene Chloride	< 5	5.	ug/l	93	95	80-120	2	30
Styrene	< 5	5.	ug/l	96	96	80-120	1	30
1,1,2,2-Tetrachloroethane	< 5	5.	ug/l	99	100	70-120	1	30
Tetrachloroethene	< 5	5.	ug/l	99	101	80-120	2	30
Toluene	< 5	5.	ug/l	97	99	80-120	2	30
1,1,1-Trichloroethane	< 5	5.	ug/l	96	98	66-126	3	30
1,1,2-Trichloroethane	< 5	5.	ug/l	102	100	80-120	1	30
Trichloroethene	< 5	5.	ug/l	100	102	80-120	2	30
Vinyl Chloride	< 2	2.	ug/l	90	93	63-120	3	30
Xylene (Total)	< 5	5.	ug/l	97	98	80-120	1	30

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: The Johnson Company, Inc.
Reported: 10/30/13 at 08:38 PM

Group Number: 1427541

Surrogate Quality Control

Surrogate recoveries which are outside of the QC window are confirmed unless attributed to dilution or otherwise noted on the Analysis Report.

Analysis Name: 1,4-Dioxane by Isotope Dil SIM
Batch number: E133021AA
Toluene-d8

7242860	99
Blank	100
LCS	100
LCSD	100

Limits: 80-120

Analysis Name: 8260 Ext. Water Master w/GRO
Batch number: N132951AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
7242860	103	102	100	93
7242861	102	103	100	95
Blank	102	104	100	94
LCS	103	104	101	97
LCSD	103	103	101	96

Limits: 80-116 77-113 80-113 78-113

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The unspiked result was more than four times the spike added.

Environmental Sample Administration
 Receipt Documentation Log 1427541

Client/Project: Johnson CO
 Date of Receipt: 10-18-13
 Time of Receipt: 905
 Source Code: 50-1

Shipping Container Sealed: YES NO
 Custody Seal Present * : YES NO
 * Custody seal was intact unless otherwise noted in the discrepancy section
 Package: Chilled Not Chilled

Temperature of Shipping Containers							
Cooler #	Thermometer ID	Temperature (°C)	Temp Bottle (TB) or Surface Temp (ST)	Wet Ice (WI) or Dry Ice (DI) or Ice Packs (IP)	Ice Present? Y/N	Loose (L) Bagged Ice (B) or NA	Comments
1	DH46	1.6	TB	WI	Y	B	
2	/						
3	/						
4	/						
5	/						
6	/						

Number of Trip Blanks received NOT listed on chain of custody: 0 (only rec'd 2 total)

Paperwork Discrepancy/Unpacking Problems:

Unpacker Signature/Emp#: Brennely Benz 2294 Date/Time: 10-18-13 1231

Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

RL	Reporting Limit	BMQL	Below Minimum Quantitation Level
N.D.	none detected	MPN	Most Probable Number
TNTC	Too Numerous To Count	CP Units	cobalt-chloroplatinate units
IU	International Units	NTU	nephelometric turbidity units
umhos/cm	micromhos/cm	ng	nanogram(s)
C	degrees Celsius	F	degrees Fahrenheit
meq	milliequivalents	lb.	pound(s)
g	gram(s)	kg	kilogram(s)
µg	microgram(s)	mg	milligram(s)
mL	milliliter(s)	L	liter(s)
m3	cubic meter(s)	µL	microliter(s)
		pg/L	picogram/liter

< less than - The number following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably determined using this specific test.

> greater than

ppm parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

Data Qualifiers:

C – result confirmed by reanalysis.

J - estimated value – The result is \geq the Method Detection Limit (MDL) and $<$ the Limit of Quantitation (LOQ).

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers

Inorganic Qualifiers

A	TIC is a possible aldol-condensation product	B	Value is $<$ CRDL, but \geq IDL
B	Analyte was also detected in the blank	E	Estimated due to interference
C	Pesticide result confirmed by GC/MS	M	Duplicate injection precision not met
D	Compound quantitated on a diluted sample	N	Spike sample not within control limits
E	Concentration exceeds the calibration range of the instrument	S	Method of standard additions (MSA) used for calculation
N	Presumptive evidence of a compound (TICs only)	U	Compound was not detected
P	Concentration difference between primary and confirmation columns $>$ 25%	W	Post digestion spike out of control limits
U	Compound was not detected	*	Duplicate analysis not within control limits
X,Y,Z	Defined in case narrative	+	Correlation coefficient for MSA $<$ 0.995

Analytical test results meet all requirements of NELAC unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

Times are local to the area of activity. Parameters listed in the 40 CFR part 136 Table II as “analyze immediately” are not performed within 15 minutes.

WARRANTY AND LIMITS OF LIABILITY - In accepting analytical work, we warrant the accuracy of test results for the sample as submitted. THE FOREGOING EXPRESS WARRANTY IS EXCLUSIVE AND IS GIVEN IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED. WE DISCLAIM ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING A WARRANTY OF FITNESS FOR PARTICULAR PURPOSE AND WARRANTY OF MERCHANTABILITY. IN NO EVENT SHALL EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL, LLC BE LIABLE FOR INDIRECT, SPECIAL, CONSEQUENTIAL, OR INCIDENTAL DAMAGES INCLUDING, BUT NOT LIMITED TO, DAMAGES FOR LOSS OF PROFIT OR GOODWILL REGARDLESS OF (A) THE NEGLIGENCE (EITHER SOLE OR CONCURRENT) OF EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL AND (B) WHETHER EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL HAS BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES. We accept no legal responsibility for the purposes for which the client uses the test results. No purchase order or other order for work shall be accepted by Eurofins Lancaster Laboratories Environmental which includes any conditions that vary from the Standard Terms and Conditions, and Eurofins Lancaster Laboratories Environmental hereby objects to any conflicting terms contained in any acceptance or order submitted by client.

ATTACHMENT 3

OPERATOR SITE VISIT LOG
MULTIPHASE EXTRACTION AND GROUNDWATER TREATMENT SYSTEM
AVERY DENNISON FACILITY
FLOWERY BRANCH, GEORGIA

OPERATOR: DW / Em License #: _____ Date: 10-16-13

TIME ON/OFF SITE: 1:00pm - 3:00pm

PURPOSE OF INSPECTION: (circle the appropriate condition):

Routine Sampling Event Upset Condition¹ Modified Operation¹ Other¹

Note: ¹Describe in comments section

LIQUID RING PUMP SYSTEM:

Vacuum at Air/Water Separator 22 inch Hg
 Vacuum at LR pump 23 inch Hg; Temperature at LR Pump 158 °F
 LR Pump Outlet Filter Pressure 1 PSIG; LR Pump Oil Level Full
 LR Pump Stack Temperature 144 °F; LR Pump Stack Differential Pressure 0 inch H₂O
 Dilution Air Flow Rate _____ scfm; Dilution Valve Position _____ % open
 A/W transfer pump discharge pressure 1.0 + PSIG
 Flow meter FM-1 Rate 9.3 gpm; Total Flow _____ gallons

EQUALIZATION TANK

Condition good Tank Inventory 2700 gallons (approximate)

AIR STRIPPER SYSTEM

Condition good Sump Water Level 8 (inches)
 AS feed pump discharge pressure: _____ PSIG
 Flow Meter FM-2 Rate: 9.3 gpm Total Flow: 141000 gallons
 AS Stack Differential Pressure - inch H₂O; AS Blower damper 10 % open
~~AS transfer pump discharge pressure: _____ PSIG~~

POWER USE METER

Power Use: 193510 (Kilowatt Hours)

APPENDIX E

Soil Vapor Analytical Reports

ANALYTICAL RESULTS

Prepared by:

Eurofins Lancaster Laboratories Environmental
2425 New Holland Pike
Lancaster, PA 17601

Prepared for:

The Johnson Company, Inc.
100 State Street
Suite600
Montpelier VT 05602

July 10, 2013

Project: Avery Dennison / Flowery Branch, GA

Submittal Date: 07/01/2013
Group Number: 1400905
PO Number: 1-0145-4
State of Sample Origin: GA

Client Sample Description

Knockout Tank Grab Air

Lancaster Labs (LL) #

7113392

The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Sample Analysis Record.

ELECTRONIC The Johnson Company, Inc.
COPY TO

Attn: Todd Hall

Respectfully Submitted,



Wendy A. Kozma
Principal Specialist Group Leader

(717) 556-7257

Sample Description: Knockout Tank Grab Air
SummaCan# 1046
Avery Dennison / Flowery Branch, GA

LL Sample # AQ 7113392
LL Group # 1400905
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 06/26/2013 14:52 by NW

The Johnson Company, Inc.
100 State Street
Suite600
Montpelier VT 05602

Submitted: 07/01/2013 09:35

Reported: 07/10/2013 19:13

CAT No.	Analysis Name	CAS Number	As Received Final Result	MDL	As Received Final Result	MDL	DF
Volatiles in Air		EPA TO-15	ppb(v)	ppb(v)	ug/m3	ug/m3	
05298	Acetone	67-64-1	40	1.0	95	2.4	2
05298	Benzene	71-43-2	N.D.	0.40	N.D.	1.3	2
05298	Bromobenzene	108-86-1	N.D.	0.40	N.D.	2.6	2
05298	Bromodichloromethane	75-27-4	N.D.	0.40	N.D.	2.7	2
05298	Bromoform	75-25-2	N.D.	0.40	N.D.	4.1	2
05298	Bromomethane	74-83-9	N.D.	0.40	N.D.	1.6	2
05298	1,3-Butadiene	106-99-0	N.D.	1.0	N.D.	2.2	2
05298	2-Butanone	78-93-3	7.2	1.0	21	2.9	2
05298	Carbon Disulfide	75-15-0	2.6	1.0	8.1	3.1	2
05298	Carbon Tetrachloride	56-23-5	N.D.	0.40	N.D.	2.5	2
05298	Chlorobenzene	108-90-7	N.D.	0.40	N.D.	1.8	2
05298	Chlorodifluoromethane	75-45-6	0.72 J	0.40	2.5 J	1.4	2
05298	Chloroethane	75-00-3	N.D.	0.40	N.D.	1.1	2
05298	Chloroform	67-66-3	N.D.	0.40	N.D.	2.0	2
05298	Chloromethane	74-87-3	N.D.	0.40	N.D.	0.83	2
05298	3-Chloropropene	107-05-1	N.D.	0.40	N.D.	1.3	2
05298	Cumene	98-82-8	N.D.	0.40	N.D.	2.0	2
05298	Dibromochloromethane	124-48-1	N.D.	0.40	N.D.	3.4	2
05298	1,2-Dibromoethane	106-93-4	N.D.	0.40	N.D.	3.1	2
05298	Dibromomethane	74-95-3	N.D.	0.40	N.D.	2.8	2
05298	1,2-Dichlorobenzene	95-50-1	N.D.	0.40	N.D.	2.4	2
05298	1,3-Dichlorobenzene	541-73-1	1.1 J	0.40	6.5 J	2.4	2
05298	1,4-Dichlorobenzene	106-46-7	N.D.	0.40	N.D.	2.4	2
05298	Dichlorodifluoromethane	75-71-8	0.48 J	0.40	2.4 J	2.0	2
05298	1,1-Dichloroethane	75-34-3	17	0.40	68	1.6	2
05298	1,2-Dichloroethane	107-06-2	0.50 J	0.40	2.0 J	1.6	2
05298	1,1-Dichloroethene	75-35-4	280	4.0	1,100	16	20
05298	cis-1,2-Dichloroethene	156-59-2	N.D.	0.40	N.D.	1.6	2
05298	trans-1,2-Dichloroethene	156-60-5	N.D.	0.40	N.D.	1.6	2
05298	Dichlorofluoromethane	75-43-4	N.D.	0.40	N.D.	1.7	2
05298	1,2-Dichloropropane	78-87-5	N.D.	0.40	N.D.	1.8	2
05298	cis-1,3-Dichloropropene	10061-01-5	N.D.	0.40	N.D.	1.8	2
05298	trans-1,3-Dichloropropene	10061-02-6	N.D.	0.40	N.D.	1.8	2
05298	Ethylbenzene	100-41-4	N.D.	0.40	N.D.	1.7	2
05298	4-Ethyltoluene	622-96-8	N.D.	0.40	N.D.	2.0	2
05298	Freon 113	76-13-1	N.D.	1.0	N.D.	7.7	2
05298	Freon 114	76-14-2	1.4 J	0.40	10 J	2.8	2
05298	Heptane	142-82-5	N.D.	0.40	N.D.	1.6	2
05298	Hexachloroethane	67-72-1	N.D.	0.40	N.D.	3.9	2
05298	Hexane	110-54-3	N.D.	0.40	N.D.	1.4	2
05298	2-Hexanone	591-78-6	N.D.	1.0	N.D.	4.1	2
05298	Isooctane	540-84-1	N.D.	0.40	N.D.	1.9	2
05298	Methyl t-Butyl Ether	1634-04-4	N.D.	0.40	N.D.	1.4	2
05298	4-Methyl-2-Pentanone	108-10-1	N.D.	1.0	N.D.	4.1	2
05298	Methylene Chloride	75-09-2	1.1 J	0.40	3.8 J	1.4	2
05298	Octane	111-65-9	N.D.	0.40	N.D.	1.9	2
05298	Pentane	109-66-0	0.84 J	0.40	2.5 J	1.2	2
05298	Styrene	100-42-5	N.D.	0.40	N.D.	1.7	2
05298	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	0.40	N.D.	2.7	2
05298	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	0.40	N.D.	2.7	2
05298	Tetrachloroethene	127-18-4	0.58 J	0.40	3.9 J	2.7	2

Sample Description: Knockout Tank Grab Air
SummaCan# 1046
Avery Dennison / Flowery Branch, GA

LL Sample # AQ 7113392
LL Group # 1400905
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 06/26/2013 14:52 by NW

The Johnson Company, Inc.
100 State Street
Suite600
Montpelier VT 05602

Submitted: 07/01/2013 09:35

Reported: 07/10/2013 19:13

CAT No.	Analysis Name	CAS Number	As Received Final Result	MDL	As Received Final Result	MDL	DF
Volatiles in Air		EPA TO-15	ppb(v)	ppb(v)	ug/m3	ug/m3	
05298	Toluene	108-88-3	7.0	0.40	26	1.5	2
05298	1,1,1-Trichloroethane	71-55-6	150	4.0	790	22	20
05298	1,1,2-Trichloroethane	79-00-5	N.D.	0.40	N.D.	2.2	2
05298	Trichloroethene	79-01-6	N.D.	0.40	N.D.	2.1	2
05298	Trichlorofluoromethane	75-69-4	18	0.40	98	2.2	2
05298	1,2,3-Trichloropropane	96-18-4	N.D.	0.40	N.D.	2.4	2
05298	1,2,4-Trimethylbenzene	95-63-6	1.2 J	0.40	5.9 J	2.0	2
05298	1,3,5-Trimethylbenzene	108-67-8	N.D.	0.40	N.D.	2.0	2
05298	Vinyl Chloride	75-01-4	N.D.	0.40	N.D.	1.0	2
05298	m/p-Xylene	179601-23-1	0.91 J	0.40	3.9 J	1.7	2
05298	o-Xylene	95-47-6	0.49 J	0.40	2.1 J	1.7	2

The LCS and/or LCSD recoveries are outside the stated QC window but within the marginal exceedance allowance of +/- 4 standard deviations as defined in the NELAC Standards. The following analytes are accepted based on this allowance:

carbon disulfide

MDL = Method Detection Limit

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/14

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
05298	TO 15 VOA Ext. List	EPA TO-15	1	D1318830AB	07/09/2013 02:49	Michael A Ziegler	2
05298	TO 15 VOA Ext. List	EPA TO-15	1	D1318830AB	07/09/2013 10:49	Michael A Ziegler	20

Quality Control Summary

Client Name: The Johnson Company, Inc.
Reported: 07/10/13 at 07:13 PM

Group Number: 1400905

Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

All Inorganic Initial Calibration and Continuing Calibration Blanks met acceptable method criteria unless otherwise noted on the Analysis Report.

Laboratory Compliance Quality Control

<u>Analysis Name</u>	<u>Blank Result</u>	<u>Blank MDL</u>	<u>Report Units</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>LCS/LCSD Limits</u>	<u>RPD</u>	<u>RPD Max</u>
Batch number: D1318830AB	Sample number(s): 7113392							
Acetone	N.D.	0.50	ppb (v)	119	119	61-134	1	25
Benzene	N.D.	0.20	ppb (v)	92	90	70-130	2	25
Bromobenzene	N.D.	0.20	ppb (v)					
Bromodichloromethane	N.D.	0.20	ppb (v)	99	99	70-129	0	25
Bromoform	N.D.	0.20	ppb (v)	114	115	64-141	0	25
Bromomethane	N.D.	0.20	ppb (v)	101	97	70-130	4	25
1,3-Butadiene	N.D.	0.40	ppb (v)	93	86	66-129	8	25
2-Butanone	N.D.	0.50	ppb (v)	115	114	55-131	1	25
Carbon Disulfide	N.D.	0.50	ppb (v)	112*	113*	57-107	1	25
Carbon Tetrachloride	N.D.	0.20	ppb (v)	111	107	70-130	4	25
Chlorobenzene	N.D.	0.20	ppb (v)	97	96	70-130	1	25
Chlorodifluoromethane	N.D.	0.20	ppb (v)					
Chloroethane	N.D.	0.20	ppb (v)	92	83	70-131	9	25
Chloroform	N.D.	0.20	ppb (v)	97	95	70-130	2	25
Chloromethane	N.D.	0.20	ppb (v)	93	95	64-133	3	25
3-Chloropropene	N.D.	0.20	ppb (v)					
Cumene	N.D.	0.20	ppb (v)					
Dibromochloromethane	N.D.	0.20	ppb (v)	108	108	65-127	1	25
1,2-Dibromoethane	N.D.	0.20	ppb (v)	105	103	65-126	1	25
Dibromomethane	N.D.	0.20	ppb (v)					
1,2-Dichlorobenzene	N.D.	0.20	ppb (v)	107	111	62-132	3	25
1,3-Dichlorobenzene	N.D.	0.20	ppb (v)	101	102	63-125	1	25
1,4-Dichlorobenzene	N.D.	0.20	ppb (v)	107	108	63-127	1	25
Dichlorodifluoromethane	N.D.	0.20	ppb (v)	112	116	69-143	3	25
1,1-Dichloroethane	N.D.	0.20	ppb (v)	95	95	67-124	1	25
1,2-Dichloroethane	N.D.	0.20	ppb (v)	101	100	70-130	1	25
1,1-Dichloroethene	N.D.	0.20	ppb (v)	103	97	64-119	6	25
cis-1,2-Dichloroethene	N.D.	0.20	ppb (v)	91	88	65-121	2	25
trans-1,2-Dichloroethene	N.D.	0.20	ppb (v)	98	94	66-121	5	25
Dichlorofluoromethane	N.D.	0.20	ppb (v)					
1,2-Dichloropropane	N.D.	0.20	ppb (v)	91	89	70-130	2	25
cis-1,3-Dichloropropene	N.D.	0.20	ppb (v)	105	104	64-125	1	25
trans-1,3-Dichloropropene	N.D.	0.20	ppb (v)	106	104	61-126	3	25
Ethylbenzene	N.D.	0.20	ppb (v)	101	100	70-130	1	25
4-Ethyltoluene	N.D.	0.20	ppb (v)	106	105	59-126	1	25
Freon 113	N.D.	0.50	ppb (v)	98	93	63-114	5	25
Freon 114	N.D.	0.20	ppb (v)	101	100	63-123	1	25
Heptane	N.D.	0.20	ppb (v)	86	84	65-119	2	25
Hexachloroethane	N.D.	0.20	ppb (v)					
Hexane	N.D.	0.20	ppb (v)	90	86	63-117	5	25
2-Hexanone	N.D.	0.50	ppb (v)	114	115	41-152	1	25
Isooctane	N.D.	0.20	ppb (v)					
Methyl t-Butyl Ether	N.D.	0.20	ppb (v)	105	103	60-121	2	25

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: The Johnson Company, Inc.
Reported: 07/10/13 at 07:13 PM

Group Number: 1400905

<u>Analysis Name</u>	<u>Blank Result</u>	<u>Blank MDL</u>	<u>Report Units</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>LCS/LCSD Limits</u>	<u>RPD</u>	<u>RPD Max</u>
4-Methyl-2-Pentanone	N.D.	0.50	ppb (v)	104	104	53-140	0	25
Methylene Chloride	N.D.	0.20	ppb (v)	107	103	70-130	4	25
Octane	N.D.	0.20	ppb (v)					
Pentane	N.D.	0.20	ppb (v)					
Styrene	N.D.	0.20	ppb (v)	108	107	64-130	1	25
1,1,1,2-Tetrachloroethane	N.D.	0.20	ppb (v)					
1,1,2,2-Tetrachloroethane	N.D.	0.20	ppb (v)	108	113	58-133	4	25
Tetrachloroethene	N.D.	0.20	ppb (v)	89	88	70-130	1	25
Toluene	N.D.	0.20	ppb (v)	99	96	70-130	3	25
1,1,1-Trichloroethane	N.D.	0.20	ppb (v)	105	101	70-130	3	25
1,1,2-Trichloroethane	N.D.	0.20	ppb (v)	101	101	65-125	0	25
Trichloroethene	N.D.	0.20	ppb (v)	91	89	70-130	2	25
Trichlorofluoromethane	N.D.	0.20	ppb (v)	111	107	70-130	3	25
1,2,3-Trichloropropane	N.D.	0.20	ppb (v)					
1,2,4-Trimethylbenzene	N.D.	0.20	ppb (v)	102	102	60-128	0	25
1,3,5-Trimethylbenzene	N.D.	0.20	ppb (v)	107	107	61-132	1	25
Vinyl Chloride	N.D.	0.20	ppb (v)	99	101	70-130	2	25
m/p-Xylene	N.D.	0.20	ppb (v)	105	103	70-130	2	25
o-Xylene	N.D.	0.20	ppb (v)	106	104	70-130	2	25

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The unspiked result was more than four times the spike added.

Environmental Sample Administration
Receipt Documentation Log

Client/Project: Johnson Co.
 Date of Receipt: 2/1/13
 Time of Receipt: 0935
 Source Code: 60-1

Shipping Container Sealed: YES NO
 Custody Seal Present * : YES NO
* Custody seal was intact unless otherwise noted in the discrepancy section
 Package: Chilled Not Chilled

Temperature of Shipping Containers							
Cooler #	Thermometer ID	Temperature (°C)	Temp Bottle (TB) or Surface Temp (ST)	Wet Ice (WI) or Dry Ice (DI) or Ice Packs (IP)	Ice Present? Y/N	Loose (L) Bagged Ice (B) or NA	Comments
1							
2							
3							
4							
5							
6							

Number of Trip Blanks received NOT listed on chain of custody: 0

Paperwork Discrepancy/Unpacking Problems:
2 flow controllers + fittings

Unpacker Signature/Emp#: Anneleen H. Owen / 210 Date/Time: 2/1/13 0945

Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

RL	Reporting Limit	BMQL	Below Minimum Quantitation Level
N.D.	none detected	MPN	Most Probable Number
TNTC	Too Numerous To Count	CP Units	cobalt-chloroplatinate units
IU	International Units	NTU	nephelometric turbidity units
umhos/cm	micromhos/cm	ng	nanogram(s)
C	degrees Celsius	F	degrees Fahrenheit
meq	milliequivalents	lb.	pound(s)
g	gram(s)	kg	kilogram(s)
µg	microgram(s)	mg	milligram(s)
mL	milliliter(s)	L	liter(s)
m³	cubic meter(s)	µL	microliter(s)
		pg/L	picogram/liter

< less than - The number following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably determined using this specific test.

> greater than

ppm parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

Data Qualifiers:

C – result confirmed by reanalysis.

J - estimated value – The result is \geq the Method Detection Limit (MDL) and $<$ the Limit of Quantitation (LOQ).

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers

- A** TIC is a possible aldol-condensation product
- B** Analyte was also detected in the blank
- C** Pesticide result confirmed by GC/MS
- D** Compound quantitated on a diluted sample
- E** Concentration exceeds the calibration range of the instrument
- N** Presumptive evidence of a compound (TICs only)
- P** Concentration difference between primary and confirmation columns $>25\%$
- U** Compound was not detected
- X,Y,Z** Defined in case narrative

Inorganic Qualifiers

- B** Value is $<$ CRDL, but \geq IDL
- E** Estimated due to interference
- M** Duplicate injection precision not met
- N** Spike sample not within control limits
- S** Method of standard additions (MSA) used for calculation
- U** Compound was not detected
- W** Post digestion spike out of control limits
- *** Duplicate analysis not within control limits
- +** Correlation coefficient for MSA <0.995

Analytical test results meet all requirements of NELAC unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

Times are local to the area of activity. Parameters listed in the 40 CFR part 136 Table II as “analyze immediately” are not performed within 15 minutes.

WARRANTY AND LIMITS OF LIABILITY - In accepting analytical work, we warrant the accuracy of test results for the sample as submitted. THE FOREGOING EXPRESS WARRANTY IS EXCLUSIVE AND IS GIVEN IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED. WE DISCLAIM ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING A WARRANTY OF FITNESS FOR PARTICULAR PURPOSE AND WARRANTY OF MERCHANTABILITY. IN NO EVENT SHALL EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL, LLC BE LIABLE FOR INDIRECT, SPECIAL, CONSEQUENTIAL, OR INCIDENTAL DAMAGES INCLUDING, BUT NOT LIMITED TO, DAMAGES FOR LOSS OF PROFIT OR GOODWILL REGARDLESS OF (A) THE NEGLIGENCE (EITHER SOLE OR CONCURRENT) OF EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL AND (B) WHETHER EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL HAS BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES. We accept no legal responsibility for the purposes for which the client uses the test results. No purchase order or other order for work shall be accepted by Eurofins Lancaster Laboratories Environmental which includes any conditions that vary from the Standard Terms and Conditions, and Eurofins Lancaster Laboratories Environmental hereby objects to any conflicting terms contained in any acceptance or order submitted by client.

ANALYTICAL RESULTS

Prepared by:

Eurofins Lancaster Laboratories Environmental
2425 New Holland Pike
Lancaster, PA 17601

Prepared for:

The Johnson Company, Inc.
100 State Street
Suite600
Montpelier VT 05602

July 11, 2013

Project: Avery Dennison / Flowery Branch, GA

Submittal Date: 07/01/2013
Group Number: 1400906
PO Number: 1-0145-4
State of Sample Origin: GA

Client Sample Description

Exhaust Grab Air

Lancaster Labs (LL) #

7113393

The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Sample Analysis Record.

ELECTRONIC The Johnson Company, Inc.
COPY TO

Attn: Todd Hall

Respectfully Submitted,



Wendy A. Kozma
Principal Specialist Group Leader

(717) 556-7257

Sample Description: Exhaust Grab Air
SummaCan# 943
Avery Dennison / Flowery Branch, GA

LL Sample # AQ 7113393
LL Group # 1400906
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 06/26/2013 14:56 by NW

The Johnson Company, Inc.
100 State Street
Suite600
Montpelier VT 05602

Submitted: 07/01/2013 09:35

Reported: 07/11/2013 16:04

CAT No.	Analysis Name	CAS Number	As Received Final Result		MDL	As Received Final Result		MDL	DF
Volatiles in Air		EPA TO-15	ppb(v)		ppb(v)	ug/m3		ug/m3	
05298	Acetone	67-64-1	130		10	300	24	20	
05298	Benzene	71-43-2	0.38	J	0.20	1.2	J	0.64	1
05298	Bromobenzene	108-86-1	N.D.		0.20	N.D.	1.3	1	
05298	Bromodichloromethane	75-27-4	N.D.		0.20	N.D.	1.3	1	
05298	Bromoform	75-25-2	N.D.		0.20	N.D.	2.1	1	
05298	Bromomethane	74-83-9	N.D.		0.20	N.D.	0.78	1	
05298	1,3-Butadiene	106-99-0	N.D.		0.50	N.D.	1.1	1	
05298	2-Butanone	78-93-3	17		0.50	50	1.5	1	
05298	Carbon Disulfide	75-15-0	0.68	J	0.50	2.1	J	1.6	1
05298	Carbon Tetrachloride	56-23-5	N.D.		0.20	N.D.	1.3	1	
05298	Chlorobenzene	108-90-7	N.D.		0.20	N.D.	0.92	1	
05298	Chlorodifluoromethane	75-45-6	0.58	J	0.20	2.1	J	0.71	1
05298	Chloroethane	75-00-3	N.D.		0.20	N.D.	0.53	1	
05298	Chloroform	67-66-3	0.25	J	0.20	1.2	J	0.98	1
05298	Chloromethane	74-87-3	N.D.		0.20	N.D.	0.41	1	
05298	3-Chloropropene	107-05-1	N.D.		0.20	N.D.	0.63	1	
05298	Cumene	98-82-8	4.2		0.20	21	0.98	1	
05298	Dibromochloromethane	124-48-1	N.D.		0.20	N.D.	1.7	1	
05298	1,2-Dibromoethane	106-93-4	N.D.		0.20	N.D.	1.5	1	
05298	Dibromomethane	74-95-3	N.D.		0.20	N.D.	1.4	1	
05298	1,2-Dichlorobenzene	95-50-1	N.D.		0.20	N.D.	1.2	1	
05298	1,3-Dichlorobenzene	541-73-1	1.9		0.20	11	1.2	1	
05298	1,4-Dichlorobenzene	106-46-7	0.36	J	0.20	2.2	J	1.2	1
05298	Dichlorodifluoromethane	75-71-8	0.50	J	0.20	2.5	J	0.99	1
05298	1,1-Dichloroethane	75-34-3	11		0.20	43	0.81	1	
05298	1,2-Dichloroethane	107-06-2	0.37	J	0.20	1.5	J	0.81	1
05298	1,1-Dichloroethene	75-35-4	170		4.0	660	16	20	
05298	cis-1,2-Dichloroethene	156-59-2	N.D.		0.20	N.D.	0.79	1	
05298	trans-1,2-Dichloroethene	156-60-5	N.D.		0.20	N.D.	0.79	1	
05298	Dichlorofluoromethane	75-43-4	N.D.		0.20	N.D.	0.84	1	
05298	1,2-Dichloropropane	78-87-5	N.D.		0.20	N.D.	0.92	1	
05298	cis-1,3-Dichloropropene	10061-01-5	N.D.		0.20	N.D.	0.91	1	
05298	trans-1,3-Dichloropropene	10061-02-6	N.D.		0.20	N.D.	0.91	1	
05298	Ethylbenzene	100-41-4	0.22	J	0.20	0.97	J	0.87	1
05298	4-Ethyltoluene	622-96-8	N.D.		0.20	N.D.	0.98	1	
05298	Freon 113	76-13-1	N.D.		0.50	N.D.	3.8	1	
05298	Freon 114	76-14-2	N.D.		0.20	N.D.	1.4	1	
05298	Heptane	142-82-5	N.D.		0.20	N.D.	0.82	1	
05298	Hexachloroethane	67-72-1	N.D.		0.20	N.D.	1.9	1	
05298	Hexane	110-54-3	N.D.		0.20	N.D.	0.70	1	
05298	2-Hexanone	591-78-6	0.96	J	0.50	3.9	J	2.0	1
05298	Isooctane	540-84-1	N.D.		0.20	N.D.	0.93	1	
05298	Methyl t-Butyl Ether	1634-04-4	N.D.		0.20	N.D.	0.72	1	
05298	4-Methyl-2-Pentanone	108-10-1	N.D.		0.50	N.D.	2.0	1	
05298	Methylene Chloride	75-09-2	0.76	J	0.20	2.6	J	0.69	1
05298	Octane	111-65-9	N.D.		0.20	N.D.	0.93	1	
05298	Pentane	109-66-0	0.51	J	0.20	1.5	J	0.59	1
05298	Styrene	100-42-5	N.D.		0.20	N.D.	0.85	1	
05298	1,1,1,2-Tetrachloroethane	630-20-6	N.D.		0.20	N.D.	1.4	1	
05298	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		0.20	N.D.	1.4	1	
05298	Tetrachloroethene	127-18-4	0.24	J	0.20	1.6	J	1.4	1

Sample Description: Exhaust Grab Air
SummaCan# 943
Avery Dennison / Flowery Branch, GA

LL Sample # AQ 7113393
LL Group # 1400906
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 06/26/2013 14:56 by NW

The Johnson Company, Inc.

100 State Street

Submitted: 07/01/2013 09:35

Suite600

Reported: 07/11/2013 16:04

Montpelier VT 05602

CAT No.	Analysis Name	CAS Number	As Received Final Result	MDL	As Received Final Result	MDL	DF
Volatiles in Air		EPA TO-15	ppb(v)	ppb(v)	ug/m3	ug/m3	
05298	Toluene	108-88-3	5.4	0.20	20	0.75	1
05298	1,1,1-Trichloroethane	71-55-6	100	4.0	550	22	20
05298	1,1,2-Trichloroethane	79-00-5	N.D.	0.20	N.D.	1.1	1
05298	Trichloroethene	79-01-6	N.D.	0.20	N.D.	1.1	1
05298	Trichlorofluoromethane	75-69-4	11	0.20	63	1.1	1
05298	1,2,3-Trichloropropane	96-18-4	N.D.	0.20	N.D.	1.2	1
05298	1,2,4-Trimethylbenzene	95-63-6	1.1	0.20	5.3	0.98	1
05298	1,3,5-Trimethylbenzene	108-67-8	0.24 J	0.20	1.2 J	0.98	1
05298	Vinyl Chloride	75-01-4	N.D.	0.20	N.D.	0.51	1
05298	m/p-Xylene	179601-23-1	1.1	0.20	4.6	0.87	1
05298	o-Xylene	95-47-6	0.57 J	0.20	2.5 J	0.87	1

The LCS and/or LCSD recoveries are outside the stated QC window but within the marginal exceedance allowance of +/- 4 standard deviations as defined in the NELAC Standards. The following analytes are accepted based on this allowance:

carbon disulfide

MDL = Method Detection Limit

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/14

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
05298	TO 15 VOA Ext. List	EPA TO-15	1	D1318930AA	07/09/2013 14:00	Michael A Ziegler	1
05298	TO 15 VOA Ext. List	EPA TO-15	1	D1318930AB	07/09/2013 22:01	Michael A Ziegler	20

Quality Control Summary

Client Name: The Johnson Company, Inc.
Reported: 07/11/13 at 04:04 PM

Group Number: 1400906

Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

All Inorganic Initial Calibration and Continuing Calibration Blanks met acceptable method criteria unless otherwise noted on the Analysis Report.

Laboratory Compliance Quality Control

<u>Analysis Name</u>	<u>Blank Result</u>	<u>Blank MDL</u>	<u>Report Units</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>LCS/LCSD Limits</u>	<u>RPD</u>	<u>RPD Max</u>
Batch number: D1318930AA	Sample number(s): 7113393							
Benzene	N.D.	0.20	ppb (v)	86	91	70-130	6	25
Bromobenzene	N.D.	0.20	ppb (v)					
Bromodichloromethane	N.D.	0.20	ppb (v)	100	104	70-129	4	25
Bromoform	N.D.	0.20	ppb (v)	121	118	64-141	3	25
Bromomethane	N.D.	0.20	ppb (v)	101	103	70-130	2	25
1,3-Butadiene	N.D.	0.40	ppb (v)	81	86	66-129	6	25
2-Butanone	N.D.	0.50	ppb (v)	108	116	55-131	7	25
Carbon Disulfide	N.D.	0.50	ppb (v)	113*	115*	57-107	2	25
Carbon Tetrachloride	N.D.	0.20	ppb (v)	107	113	70-130	5	25
Chlorobenzene	N.D.	0.20	ppb (v)	94	98	70-130	4	25
Chlorodifluoromethane	N.D.	0.20	ppb (v)					
Chloroethane	N.D.	0.20	ppb (v)	82	87	70-131	6	25
Chloroform	N.D.	0.20	ppb (v)	95	99	70-130	4	25
Chloromethane	N.D.	0.20	ppb (v)	83	89	64-133	6	25
3-Chloropropene	N.D.	0.20	ppb (v)					
Cumene	N.D.	0.20	ppb (v)					
Dibromochloromethane	N.D.	0.20	ppb (v)	108	111	65-127	3	25
1,2-Dibromoethane	N.D.	0.20	ppb (v)	103	108	65-126	5	25
Dibromomethane	N.D.	0.20	ppb (v)					
1,2-Dichlorobenzene	N.D.	0.20	ppb (v)	113	113	62-132	0	25
1,3-Dichlorobenzene	N.D.	0.20	ppb (v)	106	106	63-125	0	25
1,4-Dichlorobenzene	N.D.	0.20	ppb (v)	111	112	63-127	0	25
Dichlorodifluoromethane	N.D.	0.20	ppb (v)	113	113	69-143	0	25
1,1-Dichloroethane	N.D.	0.20	ppb (v)	92	96	67-124	5	25
1,2-Dichloroethane	N.D.	0.20	ppb (v)	99	103	70-130	4	25
cis-1,2-Dichloroethene	N.D.	0.20	ppb (v)	83	88	65-121	7	25
trans-1,2-Dichloroethene	N.D.	0.20	ppb (v)	93	98	66-121	5	25
Dichlorofluoromethane	N.D.	0.20	ppb (v)					
1,2-Dichloropropane	N.D.	0.20	ppb (v)	85	90	70-130	6	25
cis-1,3-Dichloropropene	N.D.	0.20	ppb (v)	97	106	64-125	8	25
trans-1,3-Dichloropropene	N.D.	0.20	ppb (v)	95	104	61-126	9	25
Ethylbenzene	N.D.	0.20	ppb (v)	102	100	70-130	2	25
4-Ethyltoluene	N.D.	0.20	ppb (v)	115	115	59-126	0	25
Freon 113	N.D.	0.50	ppb (v)	94	100	63-114	6	25
Freon 114	N.D.	0.20	ppb (v)	102	102	63-123	0	25
Heptane	N.D.	0.20	ppb (v)	76	81	65-119	6	25
Hexachloroethane	N.D.	0.20	ppb (v)					
Hexane	N.D.	0.20	ppb (v)	82	88	63-117	7	25
2-Hexanone	N.D.	0.50	ppb (v)	104	107	41-152	3	25
Isooctane	N.D.	0.20	ppb (v)					
Methyl t-Butyl Ether	N.D.	0.20	ppb (v)	89	97	60-121	9	25
4-Methyl-2-Pentanone	N.D.	0.50	ppb (v)	92	96	53-140	4	25
Methylene Chloride	N.D.	0.20	ppb (v)	104	110	70-130	6	25

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: The Johnson Company, Inc.
Reported: 07/11/13 at 04:04 PM

Group Number: 1400906

<u>Analysis Name</u>	<u>Blank Result</u>	<u>Blank MDL</u>	<u>Report Units</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>LCS/LCSD Limits</u>	<u>RPD</u>	<u>RPD Max</u>
Octane	N.D.	0.20	ppb (v)					
Pentane	N.D.	0.20	ppb (v)					
Styrene	N.D.	0.20	ppb (v)	111	108	64-130	3	25
1,1,1,2-Tetrachloroethane	N.D.	0.20	ppb (v)					
1,1,2,2-Tetrachloroethane	N.D.	0.20	ppb (v)	126	121	58-133	4	25
Tetrachloroethene	N.D.	0.20	ppb (v)	86	90	70-130	5	25
Toluene	N.D.	0.20	ppb (v)	93	101	70-130	8	25
1,1,2-Trichloroethane	N.D.	0.20	ppb (v)	99	103	65-125	4	25
Trichloroethene	N.D.	0.20	ppb (v)	85	91	70-130	6	25
Trichlorofluoromethane	N.D.	0.20	ppb (v)	111	115	70-130	3	25
1,2,3-Trichloropropane	N.D.	0.20	ppb (v)					
1,2,4-Trimethylbenzene	N.D.	0.20	ppb (v)	109	108	60-128	0	25
1,3,5-Trimethylbenzene	N.D.	0.20	ppb (v)	116	115	61-132	1	25
Vinyl Chloride	N.D.	0.20	ppb (v)	96	99	70-130	3	25
m/p-Xylene	N.D.	0.20	ppb (v)	107	106	70-130	1	25
o-Xylene	N.D.	0.20	ppb (v)	113	107	70-130	5	25
Batch number: D1318930AB Sample number(s): 7113393								
Acetone	N.D.	0.50	ppb (v)	109	116	61-134	6	25
1,1-Dichloroethene	N.D.	0.20	ppb (v)	97	104	64-119	7	25
1,1,1-Trichloroethane	N.D.	0.20	ppb (v)	99	103	70-130	4	25

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The unspiked result was more than four times the spike added.

G1-1400900
**Environmental Sample Administration
Receipt Documentation Log**

Client/Project: Johnson Co.
 Date of Receipt: 7/1/13
 Time of Receipt: 0935
 Source Code: 60-1

Shipping Container Sealed: YES NO
 Custody Seal Present * : YES NO
* Custody seal was intact unless otherwise noted in the discrepancy section
 Package: Chilled Not Chilled

Temperature of Shipping Containers							
Cooler #	Thermometer ID	Temperature (°C)	Temp Bottle (TB) or Surface Temp (ST)	Wet Ice (WI) or Dry Ice (DI) or Ice Packs (IP)	Ice Present? Y/N	Loose (L) Bagged Ice (B) or NA	Comments
1							
2							
3							
4							
5							
6							

Number of Trip Blanks received NOT listed on chain of custody: 0

Paperwork Discrepancy/Unpacking Problems:
2 flow controllers + fittings

Unpacker Signature/Emp#: Annebeth H. Owen / 210 Date/Time: 7/1/13 0945

Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

RL	Reporting Limit	BMQL	Below Minimum Quantitation Level
N.D.	none detected	MPN	Most Probable Number
TNTC	Too Numerous To Count	CP Units	cobalt-chloroplatinate units
IU	International Units	NTU	nephelometric turbidity units
umhos/cm	micromhos/cm	ng	nanogram(s)
C	degrees Celsius	F	degrees Fahrenheit
meq	milliequivalents	lb.	pound(s)
g	gram(s)	kg	kilogram(s)
µg	microgram(s)	mg	milligram(s)
mL	milliliter(s)	L	liter(s)
m³	cubic meter(s)	µL	microliter(s)
		pg/L	picogram/liter

< less than - The number following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably determined using this specific test.

> greater than

ppm parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

Data Qualifiers:

C – result confirmed by reanalysis.

J - estimated value – The result is \geq the Method Detection Limit (MDL) and $<$ the Limit of Quantitation (LOQ).

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers

- A** TIC is a possible aldol-condensation product
- B** Analyte was also detected in the blank
- C** Pesticide result confirmed by GC/MS
- D** Compound quantitated on a diluted sample
- E** Concentration exceeds the calibration range of the instrument
- N** Presumptive evidence of a compound (TICs only)
- P** Concentration difference between primary and confirmation columns $>25\%$
- U** Compound was not detected
- X,Y,Z** Defined in case narrative

Inorganic Qualifiers

- B** Value is $<$ CRDL, but \geq IDL
- E** Estimated due to interference
- M** Duplicate injection precision not met
- N** Spike sample not within control limits
- S** Method of standard additions (MSA) used for calculation
- U** Compound was not detected
- W** Post digestion spike out of control limits
- *** Duplicate analysis not within control limits
- +** Correlation coefficient for MSA <0.995

Analytical test results meet all requirements of NELAC unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

Times are local to the area of activity. Parameters listed in the 40 CFR part 136 Table II as “analyze immediately” are not performed within 15 minutes.

WARRANTY AND LIMITS OF LIABILITY - In accepting analytical work, we warrant the accuracy of test results for the sample as submitted. THE FOREGOING EXPRESS WARRANTY IS EXCLUSIVE AND IS GIVEN IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED. WE DISCLAIM ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING A WARRANTY OF FITNESS FOR PARTICULAR PURPOSE AND WARRANTY OF MERCHANTABILITY. IN NO EVENT SHALL EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL, LLC BE LIABLE FOR INDIRECT, SPECIAL, CONSEQUENTIAL, OR INCIDENTAL DAMAGES INCLUDING, BUT NOT LIMITED TO, DAMAGES FOR LOSS OF PROFIT OR GOODWILL REGARDLESS OF (A) THE NEGLIGENCE (EITHER SOLE OR CONCURRENT) OF EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL AND (B) WHETHER EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL HAS BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES. We accept no legal responsibility for the purposes for which the client uses the test results. No purchase order or other order for work shall be accepted by Eurofins Lancaster Laboratories Environmental which includes any conditions that vary from the Standard Terms and Conditions, and Eurofins Lancaster Laboratories Environmental hereby objects to any conflicting terms contained in any acceptance or order submitted by client.

ANALYTICAL RESULTS

Prepared by:

Eurofins Lancaster Laboratories Environmental
2425 New Holland Pike
Lancaster, PA 17601

Prepared for:

The Johnson Company, Inc.
100 State Street
Suite600
Montpelier VT 05602

July 17, 2013

Project: Avery Dennison / Flowery Branch, GA

Submittal Date: 07/05/2013
Group Number: 1402052
PO Number: 1-0145-4
State of Sample Origin: GA

Client Sample Description

Exhaust Grab Air

Lancaster Labs (LL) #

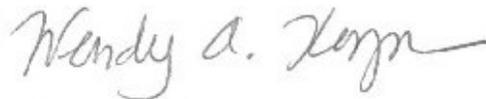
7118508

The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Sample Analysis Record.

ELECTRONIC The Johnson Company, Inc.
COPY TO

Attn: Todd Hall

Respectfully Submitted,



Wendy A. Kozma
Principal Specialist Group Leader

(717) 556-7257

Sample Description: Exhaust Grab Air
SummaCan# 969
Avery Dennison / Flowery Branch, GA

LL Sample # AQ 7118508
LL Group # 1402052
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 07/02/2013 15:02 by NW

The Johnson Company, Inc.
100 State Street
Suite600
Montpelier VT 05602

Submitted: 07/05/2013 09:40

Reported: 07/17/2013 00:10

CAT No.	Analysis Name	CAS Number	As Received Final Result		MDL	As Received Final Result		MDL	DF
Volatiles in Air		EPA TO-15	ppb(v)		ppb(v)	ug/m3		ug/m3	
05298	Acetone	67-64-1	130		10	300	24	20	
05298	Benzene	71-43-2	0.96	J	0.20	3.1	J	0.64	1
05298	Bromobenzene	108-86-1	N.D.		0.20	N.D.	1.3	1	
05298	Bromodichloromethane	75-27-4	N.D.		0.20	N.D.	1.3	1	
05298	Bromoform	75-25-2	N.D.		0.20	N.D.	2.1	1	
05298	Bromomethane	74-83-9	N.D.		0.20	N.D.	0.78	1	
05298	1,3-Butadiene	106-99-0	N.D.		0.50	N.D.	1.1	1	
05298	2-Butanone	78-93-3	7.3		0.50	22	1.5	1	
05298	Carbon Disulfide	75-15-0	0.98	J	0.50	3.0	J	1.6	1
05298	Carbon Tetrachloride	56-23-5	N.D.		0.20	N.D.	1.3	1	
05298	Chlorobenzene	108-90-7	N.D.		0.20	N.D.	0.92	1	
05298	Chlorodifluoromethane	75-45-6	N.D.		0.20	N.D.	0.71	1	
05298	Chloroethane	75-00-3	N.D.		0.20	N.D.	0.53	1	
05298	Chloroform	67-66-3	N.D.		0.20	N.D.	0.98	1	
05298	Chloromethane	74-87-3	N.D.		0.20	N.D.	0.41	1	
05298	3-Chloropropene	107-05-1	N.D.		0.20	N.D.	0.63	1	
05298	Cumene	98-82-8	7.5		0.20	37	0.98	1	
05298	Dibromochloromethane	124-48-1	N.D.		0.20	N.D.	1.7	1	
05298	1,2-Dibromoethane	106-93-4	N.D.		0.20	N.D.	1.5	1	
05298	Dibromomethane	74-95-3	N.D.		0.20	N.D.	1.4	1	
05298	1,2-Dichlorobenzene	95-50-1	N.D.		0.20	N.D.	1.2	1	
05298	1,3-Dichlorobenzene	541-73-1	N.D.		0.20	N.D.	1.2	1	
05298	1,4-Dichlorobenzene	106-46-7	14		0.20	85	1.2	1	
05298	Dichlorodifluoromethane	75-71-8	0.52	J	0.20	2.6	J	0.99	1
05298	1,1-Dichloroethane	75-34-3	12		0.20	47	0.81	1	
05298	1,2-Dichloroethane	107-06-2	0.43	J	0.20	1.8	J	0.81	1
05298	1,1-Dichloroethene	75-35-4	270		4.0	1,100	16	20	
05298	cis-1,2-Dichloroethene	156-59-2	N.D.		0.20	N.D.	0.79	1	
05298	trans-1,2-Dichloroethene	156-60-5	N.D.		0.20	N.D.	0.79	1	
05298	Dichlorofluoromethane	75-43-4	N.D.		0.20	N.D.	0.84	1	
05298	1,2-Dichloropropane	78-87-5	N.D.		0.20	N.D.	0.92	1	
05298	cis-1,3-Dichloropropene	10061-01-5	N.D.		0.20	N.D.	0.91	1	
05298	trans-1,3-Dichloropropene	10061-02-6	N.D.		0.20	N.D.	0.91	1	
05298	Ethylbenzene	100-41-4	0.59	J	0.20	2.6	J	0.87	1
05298	4-Ethyltoluene	622-96-8	0.45	J	0.20	2.2	J	0.98	1
05298	Freon 113	76-13-1	N.D.		0.50	N.D.	3.8	1	
05298	Freon 114	76-14-2	0.79	J	0.20	5.5	J	1.4	1
05298	Heptane	142-82-5	0.24	J	0.20	0.99	J	0.82	1
05298	Hexachloroethane	67-72-1	N.D.		0.20	N.D.	1.9	1	
05298	Hexane	110-54-3	N.D.		0.20	N.D.	0.70	1	
05298	2-Hexanone	591-78-6	0.78	J	0.50	3.2	J	2.0	1
05298	Isooctane	540-84-1	N.D.		0.20	N.D.	0.93	1	
05298	Methyl t-Butyl Ether	1634-04-4	N.D.		0.20	N.D.	0.72	1	
05298	4-Methyl-2-Pentanone	108-10-1	N.D.		0.50	N.D.	2.0	1	
05298	Methylene Chloride	75-09-2	1.5		0.20	5.3	0.69	1	
05298	Octane	111-65-9	N.D.		0.20	N.D.	0.93	1	
05298	Pentane	109-66-0	0.34	J	0.20	1.0	J	0.59	1
05298	Styrene	100-42-5	1.0		0.20	4.3	0.85	1	
05298	1,1,1,2-Tetrachloroethane	630-20-6	N.D.		0.20	N.D.	1.4	1	
05298	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		0.20	N.D.	1.4	1	
05298	Tetrachloroethene	127-18-4	0.27	J	0.20	1.9	J	1.4	1

Sample Description: Exhaust Grab Air
SummaCan# 969
Avery Dennison / Flowery Branch, GA

LL Sample # AQ 7118508
LL Group # 1402052
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 07/02/2013 15:02 by NW

The Johnson Company, Inc.

100 State Street

Submitted: 07/05/2013 09:40

Suite600

Reported: 07/17/2013 00:10

Montpelier VT 05602

CAT No.	Analysis Name	CAS Number	As Received Final Result	MDL	As Received Final Result	MDL	DF
Volatiles in Air		EPA TO-15	ppb(v)	ppb(v)	ug/m3	ug/m3	
05298	Toluene	108-88-3	4.6	0.20	17	0.75	1
05298	1,1,1-Trichloroethane	71-55-6	85	4.0	460	22	20
05298	1,1,2-Trichloroethane	79-00-5	N.D.	0.20	N.D.	1.1	1
05298	Trichloroethene	79-01-6	0.24 J	0.20	1.3 J	1.1	1
05298	Trichlorofluoromethane	75-69-4	9.3	0.20	52	1.1	1
05298	1,2,3-Trichloropropane	96-18-4	N.D.	0.20	N.D.	1.2	1
05298	1,2,4-Trimethylbenzene	95-63-6	2.7	0.20	13	0.98	1
05298	1,3,5-Trimethylbenzene	108-67-8	0.41 J	0.20	2.0 J	0.98	1
05298	Vinyl Chloride	75-01-4	N.D.	0.20	N.D.	0.51	1
05298	m/p-Xylene	179601-23-1	2.7	0.20	12	0.87	1
05298	o-Xylene	95-47-6	1.0	0.20	4.4	0.87	1

The LCS and/or LCSD recoveries are outside the stated QC window but within the marginal exceedance allowance of +/- 4 standard deviations as defined in the NELAC Standards. The following analytes are accepted based on this allowance: Carbon disulfide.

MDL = Method Detection Limit

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/14

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
05298	TO 15 VOA Ext. List	EPA TO-15	1	D1319230AA	07/12/2013 11:16	Michael A Ziegler	1
05298	TO 15 VOA Ext. List	EPA TO-15	1	D1319230AB	07/14/2013 21:36	Michael A Ziegler	20

Quality Control Summary

Client Name: The Johnson Company, Inc.
Reported: 07/17/13 at 12:10 AM

Group Number: 1402052

Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

All Inorganic Initial Calibration and Continuing Calibration Blanks met acceptable method criteria unless otherwise noted on the Analysis Report.

Laboratory Compliance Quality Control

<u>Analysis Name</u>	<u>Blank Result</u>	<u>Blank MDL</u>	<u>Report Units</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>LCS/LCSD Limits</u>	<u>RPD</u>	<u>RPD Max</u>
Batch number: D1319230AA	Sample number(s): 7118508							
Benzene	N.D.	0.20	ppb (v)	89	94	70-130	5	25
Bromobenzene	N.D.	0.20	ppb (v)					
Bromodichloromethane	N.D.	0.20	ppb (v)	103	106	70-129	3	25
Bromoform	N.D.	0.20	ppb (v)	119	118	64-141	1	25
Bromomethane	N.D.	0.20	ppb (v)	101	102	70-130	1	25
1,3-Butadiene	N.D.	0.40	ppb (v)	83	86	66-129	4	25
2-Butanone	N.D.	0.50	ppb (v)	110	114	55-131	4	25
Carbon Disulfide	N.D.	0.50	ppb (v)	114*	115*	57-107	1	25
Carbon Tetrachloride	N.D.	0.20	ppb (v)	110	112	70-130	2	25
Chlorobenzene	N.D.	0.20	ppb (v)	97	100	70-130	3	25
Chlorodifluoromethane	N.D.	0.20	ppb (v)					
Chloroethane	N.D.	0.20	ppb (v)	84	87	70-131	3	25
Chloroform	N.D.	0.20	ppb (v)	99	102	70-130	2	25
Chloromethane	N.D.	0.20	ppb (v)	83	86	64-133	3	25
3-Chloropropene	N.D.	0.20	ppb (v)					
Cumene	N.D.	0.20	ppb (v)					
Dibromochloromethane	N.D.	0.20	ppb (v)	109	110	65-127	2	25
1,2-Dibromoethane	N.D.	0.20	ppb (v)	106	110	65-126	4	25
Dibromomethane	N.D.	0.20	ppb (v)					
1,2-Dichlorobenzene	N.D.	0.20	ppb (v)	106	109	62-132	3	25
1,3-Dichlorobenzene	N.D.	0.20	ppb (v)	101	103	63-125	2	25
1,4-Dichlorobenzene	N.D.	0.20	ppb (v)	107	109	63-127	2	25
Dichlorodifluoromethane	N.D.	0.20	ppb (v)	109	110	69-143	1	25
1,1-Dichloroethane	N.D.	0.20	ppb (v)	96	100	67-124	4	25
1,2-Dichloroethane	N.D.	0.20	ppb (v)	103	108	70-130	4	25
cis-1,2-Dichloroethene	N.D.	0.20	ppb (v)	86	90	65-121	5	25
trans-1,2-Dichloroethene	N.D.	0.20	ppb (v)	95	97	66-121	2	25
Dichlorofluoromethane	N.D.	0.20	ppb (v)					
1,2-Dichloropropane	N.D.	0.20	ppb (v)	90	94	70-130	4	25
cis-1,3-Dichloropropene	N.D.	0.20	ppb (v)	102	108	64-125	5	25
trans-1,3-Dichloropropene	N.D.	0.20	ppb (v)	98	104	61-126	6	25
Ethylbenzene	N.D.	0.20	ppb (v)	99	104	70-130	5	25
4-Ethyltoluene	N.D.	0.20	ppb (v)	105	107	59-126	3	25
Freon 113	N.D.	0.50	ppb (v)	95	98	63-114	3	25
Freon 114	N.D.	0.20	ppb (v)	100	101	63-123	1	25
Heptane	N.D.	0.20	ppb (v)	80	85	65-119	6	25
Hexachloroethane	N.D.	0.20	ppb (v)					
Hexane	N.D.	0.20	ppb (v)	85	89	63-117	4	25
2-Hexanone	N.D.	0.50	ppb (v)	95	99	41-152	5	25
Isooctane	N.D.	0.20	ppb (v)					
Methyl t-Butyl Ether	N.D.	0.20	ppb (v)	91	97	60-121	6	25
4-Methyl-2-Pentanone	N.D.	0.50	ppb (v)	90	92	53-140	3	25
Methylene Chloride	N.D.	0.20	ppb (v)	108	112	70-130	4	25

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: The Johnson Company, Inc.
Reported: 07/17/13 at 12:10 AM

Group Number: 1402052

<u>Analysis Name</u>	<u>Blank Result</u>	<u>Blank MDL</u>	<u>Report Units</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>LCS/LCSD Limits</u>	<u>RPD</u>	<u>RPD Max</u>
Octane	N.D.	0.20	ppb (v)					
Pentane	N.D.	0.20	ppb (v)					
Styrene	N.D.	0.20	ppb (v)	108	110	64-130	1	25
1,1,1,2-Tetrachloroethane	N.D.	0.20	ppb (v)					
1,1,2,2-Tetrachloroethane	N.D.	0.20	ppb (v)	111	113	58-133	2	25
Tetrachloroethene	N.D.	0.20	ppb (v)	87	90	70-130	3	25
Toluene	N.D.	0.20	ppb (v)	99	103	70-130	4	25
1,1,2-Trichloroethane	N.D.	0.20	ppb (v)	100	105	65-125	4	25
Trichloroethene	N.D.	0.20	ppb (v)	89	92	70-130	4	25
Trichlorofluoromethane	N.D.	0.20	ppb (v)	114	113	70-130	0	25
1,2,3-Trichloropropane	N.D.	0.20	ppb (v)					
1,2,4-Trimethylbenzene	N.D.	0.20	ppb (v)	100	102	60-128	2	25
1,3,5-Trimethylbenzene	N.D.	0.20	ppb (v)	107	109	61-132	2	25
Vinyl Chloride	N.D.	0.20	ppb (v)	94	97	70-130	4	25
m/p-Xylene	N.D.	0.20	ppb (v)	104	108	70-130	3	25
o-Xylene	N.D.	0.20	ppb (v)	109	108	70-130	1	25
Batch number: D1319230AB	Sample number(s): 7118508							
Acetone	N.D.	0.50	ppb (v)	119	123	61-134	3	25
1,1-Dichloroethene	N.D.	0.20	ppb (v)	101	102	64-119	1	25
1,1,1-Trichloroethane	N.D.	0.20	ppb (v)	102	104	70-130	2	25

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The unspiked result was more than four times the spike added.

Environmental Sample Administration
Receipt Documentation Log

Client/Project: The Johnson Co

Shipping Container Sealed: YES NO

Date of Receipt: 7/5/13

Custody Seal Present * : YES NO

Time of Receipt: 0940

* Custody seal was intact unless otherwise noted in the discrepancy section

Source Code: 60

Package: Chilled Not Chilled

Temperature of Shipping Containers							
Cooler #	Thermometer ID	Temperature (°C)	Temp Bottle (TB) or Surface Temp (ST)	Wet Ice (WI) or Dry Ice (DI) or Ice Packs (IP)	Ice Present? Y/N	Loose (L) Bagged Ice (B) or NA	Comments
1							
2							
3							
4							
5							
6							

Number of Trip Blanks received NOT listed on chain of custody: 0

Paperwork Discrepancy/Unpacking Problems:

Rec'd 2 Flow controllers and a bag
of Swage lock tubing pieces.

Unpacker Signature/Emp#: [Signature] 3472 Date/Time: 7/5/13 1013

Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

RL	Reporting Limit	BMQL	Below Minimum Quantitation Level
N.D.	none detected	MPN	Most Probable Number
TNTC	Too Numerous To Count	CP Units	cobalt-chloroplatinate units
IU	International Units	NTU	nephelometric turbidity units
umhos/cm	micromhos/cm	ng	nanogram(s)
C	degrees Celsius	F	degrees Fahrenheit
meq	milliequivalents	lb.	pound(s)
g	gram(s)	kg	kilogram(s)
µg	microgram(s)	mg	milligram(s)
mL	milliliter(s)	L	liter(s)
m³	cubic meter(s)	µL	microliter(s)
		pg/L	picogram/liter

< less than - The number following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably determined using this specific test.

> greater than

ppm parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

Data Qualifiers:

C – result confirmed by reanalysis.

J - estimated value – The result is \geq the Method Detection Limit (MDL) and $<$ the Limit of Quantitation (LOQ).

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers

- A** TIC is a possible aldol-condensation product
- B** Analyte was also detected in the blank
- C** Pesticide result confirmed by GC/MS
- D** Compound quantitated on a diluted sample
- E** Concentration exceeds the calibration range of the instrument
- N** Presumptive evidence of a compound (TICs only)
- P** Concentration difference between primary and confirmation columns $>25\%$
- U** Compound was not detected
- X,Y,Z** Defined in case narrative

Inorganic Qualifiers

- B** Value is $<$ CRDL, but \geq IDL
- E** Estimated due to interference
- M** Duplicate injection precision not met
- N** Spike sample not within control limits
- S** Method of standard additions (MSA) used for calculation
- U** Compound was not detected
- W** Post digestion spike out of control limits
- *** Duplicate analysis not within control limits
- +** Correlation coefficient for MSA <0.995

Analytical test results meet all requirements of NELAC unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

Times are local to the area of activity. Parameters listed in the 40 CFR part 136 Table II as “analyze immediately” are not performed within 15 minutes.

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ANALYTICAL RESULTS

Prepared by:

Eurofins Lancaster Laboratories Environmental
2425 New Holland Pike
Lancaster, PA 17601

Prepared for:

The Johnson Company, Inc.
100 State Street
Suite600
Montpelier VT 05602

July 17, 2013

Project: Avery Dennison / Flowery Branch, GA

Submittal Date: 07/05/2013
Group Number: 1402053
PO Number: 1-0145-4
State of Sample Origin: GA

Client Sample Description

Knockout Grab Air

Lancaster Labs (LL) #

7118509

The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Sample Analysis Record.

ELECTRONIC The Johnson Company, Inc.
COPY TO

Attn: Todd Hall

Respectfully Submitted,



Wendy A. Kozma
Principal Specialist Group Leader

(717) 556-7257

Sample Description: Knockout Grab Air
SummaCan# 986
Avery Dennison / Flowery Branch, GA

LL Sample # AQ 7118509
LL Group # 1402053
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 07/02/2013 15:07 by NW

The Johnson Company, Inc.
100 State Street
Suite600
Montpelier VT 05602

Submitted: 07/05/2013 09:40

Reported: 07/17/2013 00:07

CAT No.	Analysis Name	CAS Number	As Received Final Result	MDL	As Received Final Result	MDL	DF
Volatiles in Air		EPA TO-15	ppb(v)	ppb(v)	ug/m3	ug/m3	
05298	Acetone	67-64-1	28	1.0	67	2.4	2
05298	Benzene	71-43-2	N.D.	0.40	N.D.	1.3	2
05298	Bromobenzene	108-86-1	N.D.	0.40	N.D.	2.6	2
05298	Bromodichloromethane	75-27-4	N.D.	0.40	N.D.	2.7	2
05298	Bromoform	75-25-2	N.D.	0.40	N.D.	4.1	2
05298	Bromomethane	74-83-9	N.D.	0.40	N.D.	1.6	2
05298	1,3-Butadiene	106-99-0	N.D.	1.0	N.D.	2.2	2
05298	2-Butanone	78-93-3	11	1.0	33	2.9	2
05298	Carbon Disulfide	75-15-0	5.7	1.0	18	3.1	2
05298	Carbon Tetrachloride	56-23-5	N.D.	0.40	N.D.	2.5	2
05298	Chlorobenzene	108-90-7	0.99 J	0.40	4.5 J	1.8	2
05298	Chlorodifluoromethane	75-45-6	N.D.	0.40	N.D.	1.4	2
05298	Chloroethane	75-00-3	0.51 J	0.40	1.3 J	1.1	2
05298	Chloroform	67-66-3	N.D.	0.40	N.D.	2.0	2
05298	Chloromethane	74-87-3	N.D.	0.40	N.D.	0.83	2
05298	3-Chloropropene	107-05-1	N.D.	0.40	N.D.	1.3	2
05298	Cumene	98-82-8	N.D.	0.40	N.D.	2.0	2
05298	Dibromochloromethane	124-48-1	N.D.	0.40	N.D.	3.4	2
05298	1,2-Dibromoethane	106-93-4	N.D.	0.40	N.D.	3.1	2
05298	Dibromomethane	74-95-3	N.D.	0.40	N.D.	2.8	2
05298	1,2-Dichlorobenzene	95-50-1	0.74 J	0.40	4.4 J	2.4	2
05298	1,3-Dichlorobenzene	541-73-1	0.64 J	0.40	3.8 J	2.4	2
05298	1,4-Dichlorobenzene	106-46-7	16	0.40	97	2.4	2
05298	Dichlorodifluoromethane	75-71-8	0.49 J	0.40	2.4 J	2.0	2
05298	1,1-Dichloroethane	75-34-3	18	0.40	73	1.6	2
05298	1,2-Dichloroethane	107-06-2	0.74 J	0.40	3.0 J	1.6	2
05298	1,1-Dichloroethene	75-35-4	320	4.0	1,300	16	20
05298	cis-1,2-Dichloroethene	156-59-2	N.D.	0.40	N.D.	1.6	2
05298	trans-1,2-Dichloroethene	156-60-5	N.D.	0.40	N.D.	1.6	2
05298	Dichlorofluoromethane	75-43-4	N.D.	0.40	N.D.	1.7	2
05298	1,2-Dichloropropane	78-87-5	N.D.	0.40	N.D.	1.8	2
05298	cis-1,3-Dichloropropene	10061-01-5	N.D.	0.40	N.D.	1.8	2
05298	trans-1,3-Dichloropropene	10061-02-6	N.D.	0.40	N.D.	1.8	2
05298	Ethylbenzene	100-41-4	1.3 J	0.40	5.6 J	1.7	2
05298	4-Ethyltoluene	622-96-8	0.68 J	0.40	3.3 J	2.0	2
05298	Freon 113	76-13-1	N.D.	1.0	N.D.	7.7	2
05298	Freon 114	76-14-2	1.3 J	0.40	8.9 J	2.8	2
05298	Heptane	142-82-5	1.0 J	0.40	4.2 J	1.6	2
05298	Hexachloroethane	67-72-1	N.D.	0.40	N.D.	3.9	2
05298	Hexane	110-54-3	1.9 J	0.40	6.8 J	1.4	2
05298	2-Hexanone	591-78-6	N.D.	1.0	N.D.	4.1	2
05298	Isooctane	540-84-1	0.40 J	0.40	1.9 J	1.9	2
05298	Methyl t-Butyl Ether	1634-04-4	N.D.	0.40	N.D.	1.4	2
05298	4-Methyl-2-Pentanone	108-10-1	N.D.	1.0	N.D.	4.1	2
05298	Methylene Chloride	75-09-2	9.2	0.40	32	1.4	2
05298	Octane	111-65-9	0.69 J	0.40	3.2 J	1.9	2
05298	Pentane	109-66-0	3.1	0.40	9.1	1.2	2
05298	Styrene	100-42-5	1.4 J	0.40	6.1 J	1.7	2
05298	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	0.40	N.D.	2.7	2
05298	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	0.40	N.D.	2.7	2
05298	Tetrachloroethene	127-18-4	0.58 J	0.40	4.0 J	2.7	2

Sample Description: Knockout Grab Air
SummaCan# 986
Avery Dennison / Flowery Branch, GA

LL Sample # AQ 7118509
LL Group # 1402053
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 07/02/2013 15:07 by NW

The Johnson Company, Inc.

100 State Street

Submitted: 07/05/2013 09:40

Suite600

Reported: 07/17/2013 00:07

Montpelier VT 05602

CAT No.	Analysis Name	CAS Number	As Received Final Result	MDL	As Received Final Result	MDL	DF
Volatiles in Air		EPA TO-15	ppb(v)	ppb(v)	ug/m3	ug/m3	
05298	Toluene	108-88-3	18	0.40	69	1.5	2
05298	1,1,1-Trichloroethane	71-55-6	110	4.0	610	22	20
05298	1,1,2-Trichloroethane	79-00-5	N.D.	0.40	N.D.	2.2	2
05298	Trichloroethene	79-01-6	0.45 J	0.40	2.4 J	2.1	2
05298	Trichlorofluoromethane	75-69-4	15	0.40	84	2.2	2
05298	1,2,3-Trichloropropane	96-18-4	N.D.	0.40	N.D.	2.4	2
05298	1,2,4-Trimethylbenzene	95-63-6	2.3	0.40	11	2.0	2
05298	1,3,5-Trimethylbenzene	108-67-8	0.87 J	0.40	4.3 J	2.0	2
05298	Vinyl Chloride	75-01-4	0.44 J	0.40	1.1 J	1.0	2
05298	m/p-Xylene	179601-23-1	5.3	0.40	23	1.7	2
05298	o-Xylene	95-47-6	2.2	0.40	9.6	1.7	2

Reporting limits were raised due to interference from the sample matrix.
The LCS and/or LCSD recoveries are outside the stated QC window but within the marginal exceedance allowance of +/- 4 standard deviations as defined in the NELAC Standards. The following analytes are accepted based on this allow: Carbon disulfide.

MDL = Method Detection Limit

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/14

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
05298	TO 15 VOA Ext. List	EPA TO-15	1	D1319230AA	07/12/2013 12:04	Michael A Ziegler	2
05298	TO 15 VOA Ext. List	EPA TO-15	1	D1319230AB	07/14/2013 19:23	Michael A Ziegler	20

Quality Control Summary

Client Name: The Johnson Company, Inc.
Reported: 07/17/13 at 12:07 AM

Group Number: 1402053

Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

All Inorganic Initial Calibration and Continuing Calibration Blanks met acceptable method criteria unless otherwise noted on the Analysis Report.

Laboratory Compliance Quality Control

<u>Analysis Name</u>	<u>Blank Result</u>	<u>Blank MDL</u>	<u>Report Units</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>LCS/LCSD Limits</u>	<u>RPD</u>	<u>RPD Max</u>
Batch number: D1319230AA	Sample number(s): 7118509							
Acetone	N.D.	0.50	ppb (v)	119	123	61-134	3	25
Benzene	N.D.	0.20	ppb (v)	89	94	70-130	5	25
Bromobenzene	N.D.	0.20	ppb (v)					
Bromodichloromethane	N.D.	0.20	ppb (v)	103	106	70-129	3	25
Bromoform	N.D.	0.20	ppb (v)	119	118	64-141	1	25
Bromomethane	N.D.	0.20	ppb (v)	101	102	70-130	1	25
1,3-Butadiene	N.D.	0.40	ppb (v)	83	86	66-129	4	25
2-Butanone	N.D.	0.50	ppb (v)	110	114	55-131	4	25
Carbon Disulfide	N.D.	0.50	ppb (v)	114*	115*	57-107	1	25
Carbon Tetrachloride	N.D.	0.20	ppb (v)	110	112	70-130	2	25
Chlorobenzene	N.D.	0.20	ppb (v)	97	100	70-130	3	25
Chlorodifluoromethane	N.D.	0.20	ppb (v)					
Chloroethane	N.D.	0.20	ppb (v)	84	87	70-131	3	25
Chloroform	N.D.	0.20	ppb (v)	99	102	70-130	2	25
Chloromethane	N.D.	0.20	ppb (v)	83	86	64-133	3	25
3-Chloropropene	N.D.	0.20	ppb (v)					
Cumene	N.D.	0.20	ppb (v)					
Dibromochloromethane	N.D.	0.20	ppb (v)	109	110	65-127	2	25
1,2-Dibromoethane	N.D.	0.20	ppb (v)	106	110	65-126	4	25
Dibromomethane	N.D.	0.20	ppb (v)					
1,2-Dichlorobenzene	N.D.	0.20	ppb (v)	106	109	62-132	3	25
1,3-Dichlorobenzene	N.D.	0.20	ppb (v)	101	103	63-125	2	25
1,4-Dichlorobenzene	N.D.	0.20	ppb (v)	107	109	63-127	2	25
Dichlorodifluoromethane	N.D.	0.20	ppb (v)	109	110	69-143	1	25
1,1-Dichloroethane	N.D.	0.20	ppb (v)	96	100	67-124	4	25
1,2-Dichloroethane	N.D.	0.20	ppb (v)	103	108	70-130	4	25
cis-1,2-Dichloroethene	N.D.	0.20	ppb (v)	86	90	65-121	5	25
trans-1,2-Dichloroethene	N.D.	0.20	ppb (v)	95	97	66-121	2	25
Dichlorofluoromethane	N.D.	0.20	ppb (v)					
1,2-Dichloropropane	N.D.	0.20	ppb (v)	90	94	70-130	4	25
cis-1,3-Dichloropropene	N.D.	0.20	ppb (v)	102	108	64-125	5	25
trans-1,3-Dichloropropene	N.D.	0.20	ppb (v)	98	104	61-126	6	25
Ethylbenzene	N.D.	0.20	ppb (v)	99	104	70-130	5	25
4-Ethyltoluene	N.D.	0.20	ppb (v)	105	107	59-126	3	25
Freon 113	N.D.	0.50	ppb (v)	95	98	63-114	3	25
Freon 114	N.D.	0.20	ppb (v)	100	101	63-123	1	25
Heptane	N.D.	0.20	ppb (v)	80	85	65-119	6	25
Hexachloroethane	N.D.	0.20	ppb (v)					
Hexane	N.D.	0.20	ppb (v)	85	89	63-117	4	25
2-Hexanone	N.D.	0.50	ppb (v)	95	99	41-152	5	25
Isooctane	N.D.	0.20	ppb (v)					
Methyl t-Butyl Ether	N.D.	0.20	ppb (v)	91	97	60-121	6	25
4-Methyl-2-Pentanone	N.D.	0.50	ppb (v)	90	92	53-140	3	25

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: The Johnson Company, Inc.
Reported: 07/17/13 at 12:07 AM

Group Number: 1402053

<u>Analysis Name</u>	<u>Blank Result</u>	<u>Blank MDL</u>	<u>Report Units</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>LCS/LCSD Limits</u>	<u>RPD</u>	<u>RPD Max</u>
Methylene Chloride	N.D.	0.20	ppb (v)	108	112	70-130	4	25
Octane	N.D.	0.20	ppb (v)					
Pentane	N.D.	0.20	ppb (v)					
Styrene	N.D.	0.20	ppb (v)	108	110	64-130	1	25
1,1,1,2-Tetrachloroethane	N.D.	0.20	ppb (v)					
1,1,2,2-Tetrachloroethane	N.D.	0.20	ppb (v)	111	113	58-133	2	25
Tetrachloroethene	N.D.	0.20	ppb (v)	87	90	70-130	3	25
Toluene	N.D.	0.20	ppb (v)	99	103	70-130	4	25
1,1,2-Trichloroethane	N.D.	0.20	ppb (v)	100	105	65-125	4	25
Trichloroethene	N.D.	0.20	ppb (v)	89	92	70-130	4	25
Trichlorofluoromethane	N.D.	0.20	ppb (v)	114	113	70-130	0	25
1,2,3-Trichloropropane	N.D.	0.20	ppb (v)					
1,2,4-Trimethylbenzene	N.D.	0.20	ppb (v)	100	102	60-128	2	25
1,3,5-Trimethylbenzene	N.D.	0.20	ppb (v)	107	109	61-132	2	25
Vinyl Chloride	N.D.	0.20	ppb (v)	94	97	70-130	4	25
m/p-Xylene	N.D.	0.20	ppb (v)	104	108	70-130	3	25
o-Xylene	N.D.	0.20	ppb (v)	109	108	70-130	1	25
Batch number: D1319230AB	Sample number(s): 7118509							
1,1-Dichloroethene	N.D.	0.20	ppb (v)	101	102	64-119	1	25
1,1,1-Trichloroethane	N.D.	0.20	ppb (v)	102	104	70-130	2	25

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The unspiked result was more than four times the spike added.

Environmental Sample Administration
Receipt Documentation Log

Client/Project: The Johnson Co

Shipping Container Sealed: YES NO

Date of Receipt: 7/5/13

Custody Seal Present * : YES NO

Time of Receipt: 0940

* Custody seal was intact unless otherwise noted in the discrepancy section

Source Code: 60

Package: Chilled Not Chilled

Temperature of Shipping Containers

Cooler #	Thermometer ID	Temperature (°C)	Temp Bottle (TB) or Surface Temp (ST)	Wet Ice (WI) or Dry Ice (DI) or Ice Packs (IP)	Ice Present? Y/N	Loose (L) Bagged Ice (B) or NA	Comments
1							
2							
3							
4							
5							
6							

Number of Trip Blanks received NOT listed on chain of custody: 0

Paperwork Discrepancy/Unpacking Problems:

Rec'd 2 Flow controllers and a bag
of sewage lock tubing pieces.

Unpacker Signature/Emp#: [Signature] 3472 Date/Time: 7/5/13 1013

Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

RL	Reporting Limit	BMQL	Below Minimum Quantitation Level
N.D.	none detected	MPN	Most Probable Number
TNTC	Too Numerous To Count	CP Units	cobalt-chloroplatinate units
IU	International Units	NTU	nephelometric turbidity units
umhos/cm	micromhos/cm	ng	nanogram(s)
C	degrees Celsius	F	degrees Fahrenheit
meq	milliequivalents	lb.	pound(s)
g	gram(s)	kg	kilogram(s)
µg	microgram(s)	mg	milligram(s)
mL	milliliter(s)	L	liter(s)
m³	cubic meter(s)	µL	microliter(s)
		pg/L	picogram/liter

< less than - The number following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably determined using this specific test.

> greater than

ppm parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

Data Qualifiers:

C – result confirmed by reanalysis.

J - estimated value – The result is \geq the Method Detection Limit (MDL) and $<$ the Limit of Quantitation (LOQ).

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers

- A** TIC is a possible aldol-condensation product
- B** Analyte was also detected in the blank
- C** Pesticide result confirmed by GC/MS
- D** Compound quantitated on a diluted sample
- E** Concentration exceeds the calibration range of the instrument
- N** Presumptive evidence of a compound (TICs only)
- P** Concentration difference between primary and confirmation columns $>25\%$
- U** Compound was not detected
- X,Y,Z** Defined in case narrative

Inorganic Qualifiers

- B** Value is $<$ CRDL, but \geq IDL
- E** Estimated due to interference
- M** Duplicate injection precision not met
- N** Spike sample not within control limits
- S** Method of standard additions (MSA) used for calculation
- U** Compound was not detected
- W** Post digestion spike out of control limits
- *** Duplicate analysis not within control limits
- +** Correlation coefficient for MSA <0.995

Analytical test results meet all requirements of NELAC unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

Times are local to the area of activity. Parameters listed in the 40 CFR part 136 Table II as “analyze immediately” are not performed within 15 minutes.

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ANALYTICAL RESULTS

Prepared by:

Eurofins Lancaster Laboratories Environmental
2425 New Holland Pike
Lancaster, PA 17601

Prepared for:

The Johnson Company, Inc.
100 State Street
Suite600
Montpelier VT 05602

July 26, 2013

Project: Avery Dennison / Flowery Branch, GA

Submittal Date: 07/16/2013
Group Number: 1404232
PO Number: 1-0145-4
State of Sample Origin: GA

Client Sample Description

Exhaust Grab Air
Knockout Grab Air

Lancaster Labs (LL) #

7127971
7127972

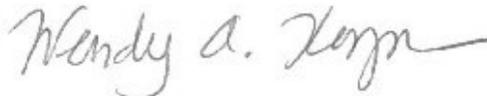
The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Sample Analysis Record.

ELECTRONIC The Johnson Company, Inc.
COPY TO
ELECTRONIC The Johnson Company, Inc.
COPY TO

Attn: Todd Hall

Attn: Glen Kirkpatrick

Respectfully Submitted,



Wendy A. Kozma
Principal Specialist Group Leader

(717) 556-7257

Sample Description: Exhaust Grab Air
SummaCan# 914
Avery Dennison / Flowery Branch, GA

LL Sample # AQ 7127971
LL Group # 1404232
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 07/11/2013 16:48 by NW
through 07/11/2013 17:20
Submitted: 07/16/2013 09:45
Reported: 07/26/2013 10:15

The Johnson Company, Inc.
100 State Street
Suite600
Montpelier VT 05602

CAT No.	Analysis Name	CAS Number	As Received Final Result	MDL	As Received Final Result	MDL	DF
Volatiles in Air		EPA TO-15	ppb(v)	ppb(v)	ug/m3	ug/m3	
05298	Acetone	67-64-1	31	5.0	73	12	10
05298	Benzene	71-43-2	2.4 J	2.0	7.5 J	6.4	10
05298	Bromobenzene	108-86-1	N.D.	2.0	N.D.	13	10
05298	Bromodichloromethane	75-27-4	N.D.	2.0	N.D.	13	10
05298	Bromoform	75-25-2	N.D.	2.0	N.D.	21	10
05298	Bromomethane	74-83-9	N.D.	2.0	N.D.	7.8	10
05298	1,3-Butadiene	106-99-0	N.D.	5.0	N.D.	11	10
05298	2-Butanone	78-93-3	N.D.	5.0	N.D.	15	10
05298	Carbon Disulfide	75-15-0	N.D.	5.0	N.D.	16	10
05298	Carbon Tetrachloride	56-23-5	N.D.	2.0	N.D.	13	10
05298	Chlorobenzene	108-90-7	N.D.	2.0	N.D.	9.2	10
05298	Chlorodifluoromethane	75-45-6	N.D.	2.0	N.D.	7.1	10
05298	Chloroethane	75-00-3	N.D.	2.0	N.D.	5.3	10
05298	Chloroform	67-66-3	N.D.	2.0	N.D.	9.8	10
05298	Chloromethane	74-87-3	N.D.	2.0	N.D.	4.1	10
05298	3-Chloropropene	107-05-1	N.D.	2.0	N.D.	6.3	10
05298	Cumene	98-82-8	N.D.	2.0	N.D.	9.8	10
05298	Dibromochloromethane	124-48-1	N.D.	2.0	N.D.	17	10
05298	1,2-Dibromoethane	106-93-4	N.D.	2.0	N.D.	15	10
05298	Dibromomethane	74-95-3	N.D.	2.0	N.D.	14	10
05298	1,2-Dichlorobenzene	95-50-1	2.6 J	2.0	16 J	12	10
05298	1,3-Dichlorobenzene	541-73-1	N.D.	2.0	N.D.	12	10
05298	1,4-Dichlorobenzene	106-46-7	3.6 J	2.0	22 J	12	10
05298	Dichlorodifluoromethane	75-71-8	N.D.	2.0	N.D.	9.9	10
05298	1,1-Dichloroethane	75-34-3	6.0 J	2.0	24 J	8.1	10
05298	1,2-Dichloroethane	107-06-2	N.D.	2.0	N.D.	8.1	10
05298	1,1-Dichloroethene	75-35-4	240	2.0	940	7.9	10
05298	cis-1,2-Dichloroethene	156-59-2	N.D.	2.0	N.D.	7.9	10
05298	trans-1,2-Dichloroethene	156-60-5	N.D.	2.0	N.D.	7.9	10
05298	Dichlorofluoromethane	75-43-4	N.D.	2.0	N.D.	8.4	10
05298	1,2-Dichloropropane	78-87-5	N.D.	2.0	N.D.	9.2	10
05298	cis-1,3-Dichloropropene	10061-01-5	N.D.	2.0	N.D.	9.1	10
05298	trans-1,3-Dichloropropene	10061-02-6	N.D.	2.0	N.D.	9.1	10
05298	Ethylbenzene	100-41-4	N.D.	2.0	N.D.	8.7	10
05298	4-Ethyltoluene	622-96-8	2.7 J	2.0	13 J	9.8	10
05298	Freon 113	76-13-1	N.D.	5.0	N.D.	38	10
05298	Freon 114	76-14-2	N.D.	2.0	N.D.	14	10
05298	Heptane	142-82-5	N.D.	2.0	N.D.	8.2	10
05298	Hexachloroethane	67-72-1	N.D.	2.0	N.D.	19	10
05298	Hexane	110-54-3	N.D.	2.0	N.D.	7.0	10
05298	2-Hexanone	591-78-6	N.D.	5.0	N.D.	20	10
05298	Isooctane	540-84-1	N.D.	2.0	N.D.	9.3	10
05298	Methyl t-Butyl Ether	1634-04-4	N.D.	2.0	N.D.	7.2	10
05298	4-Methyl-2-Pentanone	108-10-1	N.D.	5.0	N.D.	20	10
05298	Methylene Chloride	75-09-2	N.D.	2.0	N.D.	6.9	10
05298	Octane	111-65-9	N.D.	2.0	N.D.	9.3	10
05298	Pentane	109-66-0	N.D.	2.0	N.D.	5.9	10
05298	Styrene	100-42-5	N.D.	2.0	N.D.	8.5	10
05298	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	2.0	N.D.	14	10
05298	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	2.0	N.D.	14	10
05298	Tetrachloroethene	127-18-4	5.2 J	2.0	35 J	14	10

Sample Description: Exhaust Grab Air
SummaCan# 914
Avery Dennison / Flowery Branch, GA

LL Sample # AQ 7127971
LL Group # 1404232
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 07/11/2013 16:48 by NW
through 07/11/2013 17:20
Submitted: 07/16/2013 09:45
Reported: 07/26/2013 10:15

The Johnson Company, Inc.
100 State Street
Suite600
Montpelier VT 05602

CAT No.	Analysis Name	CAS Number	As Received Final Result	MDL	As Received Final Result	MDL	DF
Volatiles in Air		EPA TO-15	ppb(v)	ppb(v)	ug/m3	ug/m3	
05298	Toluene	108-88-3	N.D.	2.0	N.D.	7.5	10
05298	1,1,1-Trichloroethane	71-55-6	23	2.0	130	11	10
05298	1,1,2-Trichloroethane	79-00-5	N.D.	2.0	N.D.	11	10
05298	Trichloroethene	79-01-6	N.D.	2.0	N.D.	11	10
05298	Trichlorofluoromethane	75-69-4	7.9 J	2.0	44 J	11	10
05298	1,2,3-Trichloropropane	96-18-4	N.D.	2.0	N.D.	12	10
05298	1,2,4-Trimethylbenzene	95-63-6	12	2.0	57	9.8	10
05298	1,3,5-Trimethylbenzene	108-67-8	6.8 J	2.0	33 J	9.8	10
05298	Vinyl Chloride	75-01-4	N.D.	2.0	N.D.	5.1	10
05298	m/p-Xylene	179601-23-1	6.1 J	2.0	27 J	8.7	10
05298	o-Xylene	95-47-6	4.0 J	2.0	17 J	8.7	10

MDL = Method Detection Limit

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/14

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
05298	TO 15 VOA Ext. List	EPA TO-15	1	D1320330AA	07/23/2013 04:43	Michael A Ziegler	10

Sample Description: Knockout Grab Air
SummaCan# 981
Avery Dennison / Flowery Branch, GA

LL Sample # AQ 7127972
LL Group # 1404232
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 07/11/2013 17:16 by NW

The Johnson Company, Inc.
100 State Street
Suite600
Montpelier VT 05602

Submitted: 07/16/2013 09:45

Reported: 07/26/2013 10:15

CAT No.	Analysis Name	CAS Number	As Received Final Result		MDL	As Received Final Result		MDL	DF
Volatiles in Air		EPA TO-15	ppb(v)		ppb(v)	ug/m3		ug/m3	
05298	Acetone	67-64-1	13	J	10	31	J	24	20
05298	Benzene	71-43-2	5.9	J	4.0	19	J	13	20
05298	Bromobenzene	108-86-1	N.D.		4.0	N.D.		26	20
05298	Bromodichloromethane	75-27-4	N.D.		4.0	N.D.		27	20
05298	Bromoform	75-25-2	N.D.		4.0	N.D.		41	20
05298	Bromomethane	74-83-9	N.D.		4.0	N.D.		16	20
05298	1,3-Butadiene	106-99-0	N.D.		10	N.D.		22	20
05298	2-Butanone	78-93-3	N.D.		10	N.D.		29	20
05298	Carbon Disulfide	75-15-0	N.D.		10	N.D.		31	20
05298	Carbon Tetrachloride	56-23-5	N.D.		4.0	N.D.		25	20
05298	Chlorobenzene	108-90-7	N.D.		4.0	N.D.		18	20
05298	Chlorodifluoromethane	75-45-6	N.D.		4.0	N.D.		14	20
05298	Chloroethane	75-00-3	N.D.		4.0	N.D.		11	20
05298	Chloroform	67-66-3	N.D.		4.0	N.D.		20	20
05298	Chloromethane	74-87-3	N.D.		4.0	N.D.		8.3	20
05298	3-Chloropropene	107-05-1	N.D.		4.0	N.D.		13	20
05298	Cumene	98-82-8	N.D.		4.0	N.D.		20	20
05298	Dibromochloromethane	124-48-1	N.D.		4.0	N.D.		34	20
05298	1,2-Dibromoethane	106-93-4	N.D.		4.0	N.D.		31	20
05298	Dibromomethane	74-95-3	N.D.		4.0	N.D.		28	20
05298	1,2-Dichlorobenzene	95-50-1	N.D.		4.0	N.D.		24	20
05298	1,3-Dichlorobenzene	541-73-1	N.D.		4.0	N.D.		24	20
05298	1,4-Dichlorobenzene	106-46-7	N.D.		4.0	N.D.		24	20
05298	Dichlorodifluoromethane	75-71-8	N.D.		4.0	N.D.		20	20
05298	1,1-Dichloroethane	75-34-3	19	J	4.0	78	J	16	20
05298	1,2-Dichloroethane	107-06-2	N.D.		4.0	N.D.		16	20
05298	1,1-Dichloroethene	75-35-4	480		4.0	1,900		16	20
05298	cis-1,2-Dichloroethene	156-59-2	N.D.		4.0	N.D.		16	20
05298	trans-1,2-Dichloroethene	156-60-5	N.D.		4.0	N.D.		16	20
05298	Dichlorofluoromethane	75-43-4	N.D.		4.0	N.D.		17	20
05298	1,2-Dichloropropane	78-87-5	N.D.		4.0	N.D.		18	20
05298	cis-1,3-Dichloropropene	10061-01-5	N.D.		4.0	N.D.		18	20
05298	trans-1,3-Dichloropropene	10061-02-6	N.D.		4.0	N.D.		18	20
05298	Ethylbenzene	100-41-4	N.D.		4.0	N.D.		17	20
05298	4-Ethyltoluene	622-96-8	N.D.		4.0	N.D.		20	20
05298	Freon 113	76-13-1	N.D.		10	N.D.		77	20
05298	Freon 114	76-14-2	N.D.		4.0	N.D.		28	20
05298	Heptane	142-82-5	N.D.		4.0	N.D.		16	20
05298	Hexachloroethane	67-72-1	N.D.		4.0	N.D.		39	20
05298	Hexane	110-54-3	N.D.		4.0	N.D.		14	20
05298	2-Hexanone	591-78-6	N.D.		10	N.D.		41	20
05298	Isooctane	540-84-1	N.D.		4.0	N.D.		19	20
05298	Methyl t-Butyl Ether	1634-04-4	N.D.		4.0	N.D.		14	20
05298	4-Methyl-2-Pentanone	108-10-1	N.D.		10	N.D.		41	20
05298	Methylene Chloride	75-09-2	N.D.		4.0	N.D.		14	20
05298	Octane	111-65-9	N.D.		4.0	N.D.		19	20
05298	Pentane	109-66-0	N.D.		4.0	N.D.		12	20
05298	Styrene	100-42-5	N.D.		4.0	N.D.		17	20
05298	1,1,1,2-Tetrachloroethane	630-20-6	N.D.		4.0	N.D.		27	20
05298	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		4.0	N.D.		27	20
05298	Tetrachloroethene	127-18-4	N.D.		4.0	N.D.		27	20

Sample Description: Knockout Grab Air
SummaCan# 981
Avery Dennison / Flowery Branch, GA

LL Sample # AQ 7127972
LL Group # 1404232
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 07/11/2013 17:16 by NW

The Johnson Company, Inc.
100 State Street
Suite600
Montpelier VT 05602

Submitted: 07/16/2013 09:45

Reported: 07/26/2013 10:15

CAT No.	Analysis Name	CAS Number	As Received Final Result	MDL	As Received Final Result	MDL	DF
Volatiles in Air		EPA TO-15	ppb(v)	ppb(v)	ug/m3	ug/m3	
05298	Toluene	108-88-3	N.D.	4.0	N.D.	15	20
05298	1,1,1-Trichloroethane	71-55-6	76	4.0	420	22	20
05298	1,1,2-Trichloroethane	79-00-5	N.D.	4.0	N.D.	22	20
05298	Trichloroethene	79-01-6	N.D.	4.0	N.D.	21	20
05298	Trichlorofluoromethane	75-69-4	17 J	4.0	95 J	22	20
05298	1,2,3-Trichloropropane	96-18-4	N.D.	4.0	N.D.	24	20
05298	1,2,4-Trimethylbenzene	95-63-6	N.D.	4.0	N.D.	20	20
05298	1,3,5-Trimethylbenzene	108-67-8	N.D.	4.0	N.D.	20	20
05298	Vinyl Chloride	75-01-4	N.D.	4.0	N.D.	10	20
05298	m/p-Xylene	179601-23-1	N.D.	4.0	N.D.	17	20
05298	o-Xylene	95-47-6	N.D.	4.0	N.D.	17	20

Reporting limits were raised due to interference from the sample matrix.

MDL = Method Detection Limit

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/14

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
05298	TO 15 VOA Ext. List	EPA TO-15	1	D1320330AA	07/23/2013 05:26	Michael A Ziegler	20

Quality Control Summary

Client Name: The Johnson Company, Inc.
Reported: 07/26/13 at 10:15 AM

Group Number: 1404232

Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

All Inorganic Initial Calibration and Continuing Calibration Blanks met acceptable method criteria unless otherwise noted on the Analysis Report.

Laboratory Compliance Quality Control

<u>Analysis Name</u>	<u>Blank Result</u>	<u>Blank MDL</u>	<u>Report Units</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>LCS/LCSD Limits</u>	<u>RPD</u>	<u>RPD Max</u>
Batch number: D1320330AA	Sample number(s): 7127971-7127972							
Acetone	N.D.	0.50	ppb (v)	106	111	61-134	4	25
Benzene	N.D.	0.20	ppb (v)	93	93	70-130	0	25
Bromobenzene	N.D.	0.20	ppb (v)					
Bromodichloromethane	N.D.	0.20	ppb (v)	110	111	70-129	1	25
Bromoform	N.D.	0.20	ppb (v)	115	118	64-141	2	25
Bromomethane	N.D.	0.20	ppb (v)	101	108	70-130	7	25
1,3-Butadiene	N.D.	0.40	ppb (v)	95	103	66-129	8	25
2-Butanone	N.D.	0.50	ppb (v)	90	98	55-131	8	25
Carbon Disulfide	N.D.	0.50	ppb (v)	100	105	57-107	5	25
Carbon Tetrachloride	N.D.	0.20	ppb (v)	121	127	70-130	5	25
Chlorobenzene	N.D.	0.20	ppb (v)	95	97	70-130	2	25
Chlorodifluoromethane	N.D.	0.20	ppb (v)					
Chloroethane	N.D.	0.20	ppb (v)	93	100	70-131	7	25
Chloroform	N.D.	0.20	ppb (v)	101	104	70-130	3	25
Chloromethane	N.D.	0.20	ppb (v)	92	106	64-133	14	25
3-Chloropropene	N.D.	0.20	ppb (v)					
Cumene	N.D.	0.20	ppb (v)					
Dibromochloromethane	N.D.	0.20	ppb (v)	115	115	65-127	1	25
1,2-Dibromoethane	N.D.	0.20	ppb (v)	102	105	65-126	3	25
Dibromomethane	N.D.	0.20	ppb (v)					
1,2-Dichlorobenzene	N.D.	0.20	ppb (v)	96	98	62-132	2	25
1,3-Dichlorobenzene	N.D.	0.20	ppb (v)	92	95	63-125	3	25
1,4-Dichlorobenzene	N.D.	0.20	ppb (v)	94	97	63-127	3	25
Dichlorodifluoromethane	N.D.	0.20	ppb (v)	120	126	69-143	5	25
1,1-Dichloroethane	N.D.	0.20	ppb (v)	100	103	67-124	3	25
1,2-Dichloroethane	N.D.	0.20	ppb (v)	113	114	70-130	1	25
1,1-Dichloroethene	N.D.	0.20	ppb (v)	103	112	64-119	8	25
cis-1,2-Dichloroethene	N.D.	0.20	ppb (v)	95	99	65-121	5	25
trans-1,2-Dichloroethene	N.D.	0.20	ppb (v)	100	106	66-121	5	25
Dichlorofluoromethane	N.D.	0.20	ppb (v)					
1,2-Dichloropropane	N.D.	0.20	ppb (v)	94	96	70-130	2	25
cis-1,3-Dichloropropene	N.D.	0.20	ppb (v)	104	108	64-125	3	25
trans-1,3-Dichloropropene	N.D.	0.20	ppb (v)	100	102	61-126	2	25
Ethylbenzene	N.D.	0.20	ppb (v)	93	95	70-130	3	25
4-Ethyltoluene	N.D.	0.20	ppb (v)	92	95	59-126	3	25
Freon 113	N.D.	0.50	ppb (v)	99	106	63-114	7	25
Freon 114	N.D.	0.20	ppb (v)	106	113	63-123	7	25
Heptane	N.D.	0.20	ppb (v)	95	94	65-119	0	25
Hexachloroethane	N.D.	0.20	ppb (v)					
Hexane	N.D.	0.20	ppb (v)	93	97	63-117	3	25
2-Hexanone	N.D.	0.50	ppb (v)	98	109	41-152	10	25
Isooctane	N.D.	0.20	ppb (v)					
Methyl t-Butyl Ether	N.D.	0.20	ppb (v)	96	100	60-121	3	25

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: The Johnson Company, Inc.
Reported: 07/26/13 at 10:15 AM

Group Number: 1404232

<u>Analysis Name</u>	<u>Blank Result</u>	<u>Blank MDL</u>	<u>Report Units</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>LCS/LCSD Limits</u>	<u>RPD</u>	<u>RPD Max</u>
4-Methyl-2-Pentanone	N.D.	0.50	ppb (v)	90	97	53-140	8	25
Methylene Chloride	N.D.	0.20	ppb (v)	104	109	70-130	5	25
Octane	N.D.	0.20	ppb (v)					
Pentane	N.D.	0.20	ppb (v)					
Styrene	N.D.	0.20	ppb (v)	95	97	64-130	2	25
1,1,1,2-Tetrachloroethane	N.D.	0.20	ppb (v)					
1,1,2,2-Tetrachloroethane	N.D.	0.20	ppb (v)	92	96	58-133	4	25
Tetrachloroethene	N.D.	0.20	ppb (v)	90	90	70-130	0	25
Toluene	N.D.	0.20	ppb (v)	94	96	70-130	2	25
1,1,1-Trichloroethane	N.D.	0.20	ppb (v)	108	112	70-130	4	25
1,1,2-Trichloroethane	N.D.	0.20	ppb (v)	98	100	65-125	2	25
Trichloroethene	N.D.	0.20	ppb (v)	97	98	70-130	1	25
Trichlorofluoromethane	N.D.	0.20	ppb (v)	116	126	70-130	8	25
1,2,3-Trichloropropane	N.D.	0.20	ppb (v)					
1,2,4-Trimethylbenzene	N.D.	0.20	ppb (v)	90	94	60-128	4	25
1,3,5-Trimethylbenzene	N.D.	0.20	ppb (v)	94	98	61-132	4	25
Vinyl Chloride	N.D.	0.20	ppb (v)	97	102	70-130	5	25
m/p-Xylene	N.D.	0.20	ppb (v)	93	95	70-130	3	25
o-Xylene	N.D.	0.20	ppb (v)	94	97	70-130	3	25

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The unspiked result was more than four times the spike added.

Environmental Sample Administration
Receipt Documentation Log

Client/Project: Johnson Co.

Shipping Container Sealed: YES NO

Date of Receipt: 7/16/13

Custody Seal Present * : YES NO

Time of Receipt: 0945

* Custody seal was intact unless otherwise noted in the discrepancy section

Source Code: 60

Package: Chilled Not Chilled

Temperature of Shipping Containers							
Cooler #	Thermometer ID	Temperature (°C)	Temp Bottle (TB) or Surface Temp (ST)	Wet Ice (WI) or Dry Ice (DI) or Ice Packs (IP)	Ice Present? Y/N	Loose (L) Bagged Ice (B) or NA	Comments
1							
2							
3							
4							
5							
6							

Number of Trip Blanks received NOT listed on chain of custody: 0

Paperwork Discrepancy/Unpacking Problems:

Rec'd 3 air flow controllers.

Unpacker Signature/Emp#: Pat SA 3472 Date/Time: 7/16/13 1035

Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

RL	Reporting Limit	BMQL	Below Minimum Quantitation Level
N.D.	none detected	MPN	Most Probable Number
TNTC	Too Numerous To Count	CP Units	cobalt-chloroplatinate units
IU	International Units	NTU	nephelometric turbidity units
umhos/cm	micromhos/cm	ng	nanogram(s)
C	degrees Celsius	F	degrees Fahrenheit
meq	milliequivalents	lb.	pound(s)
g	gram(s)	kg	kilogram(s)
µg	microgram(s)	mg	milligram(s)
mL	milliliter(s)	L	liter(s)
m³	cubic meter(s)	µL	microliter(s)
		pg/L	picogram/liter

< less than - The number following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably determined using this specific test.

> greater than

ppm parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

Data Qualifiers:

C – result confirmed by reanalysis.

J - estimated value – The result is \geq the Method Detection Limit (MDL) and $<$ the Limit of Quantitation (LOQ).

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers

- A** TIC is a possible aldol-condensation product
- B** Analyte was also detected in the blank
- C** Pesticide result confirmed by GC/MS
- D** Compound quantitated on a diluted sample
- E** Concentration exceeds the calibration range of the instrument
- N** Presumptive evidence of a compound (TICs only)
- P** Concentration difference between primary and confirmation columns $>25\%$
- U** Compound was not detected
- X,Y,Z** Defined in case narrative

Inorganic Qualifiers

- B** Value is $<$ CRDL, but \geq IDL
- E** Estimated due to interference
- M** Duplicate injection precision not met
- N** Spike sample not within control limits
- S** Method of standard additions (MSA) used for calculation
- U** Compound was not detected
- W** Post digestion spike out of control limits
- *** Duplicate analysis not within control limits
- +** Correlation coefficient for MSA <0.995

Analytical test results meet all requirements of NELAC unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

Times are local to the area of activity. Parameters listed in the 40 CFR part 136 Table II as “analyze immediately” are not performed within 15 minutes.

WARRANTY AND LIMITS OF LIABILITY - In accepting analytical work, we warrant the accuracy of test results for the sample as submitted. THE FOREGOING EXPRESS WARRANTY IS EXCLUSIVE AND IS GIVEN IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED. WE DISCLAIM ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING A WARRANTY OF FITNESS FOR PARTICULAR PURPOSE AND WARRANTY OF MERCHANTABILITY. IN NO EVENT SHALL EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL, LLC BE LIABLE FOR INDIRECT, SPECIAL, CONSEQUENTIAL, OR INCIDENTAL DAMAGES INCLUDING, BUT NOT LIMITED TO, DAMAGES FOR LOSS OF PROFIT OR GOODWILL REGARDLESS OF (A) THE NEGLIGENCE (EITHER SOLE OR CONCURRENT) OF EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL AND (B) WHETHER EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL HAS BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES. We accept no legal responsibility for the purposes for which the client uses the test results. No purchase order or other order for work shall be accepted by Eurofins Lancaster Laboratories Environmental which includes any conditions that vary from the Standard Terms and Conditions, and Eurofins Lancaster Laboratories Environmental hereby objects to any conflicting terms contained in any acceptance or order submitted by client.

ANALYTICAL RESULTS

Prepared by:

Eurofins Lancaster Laboratories Environmental
2425 New Holland Pike
Lancaster, PA 17601

Prepared for:

The Johnson Company, Inc.
100 State Street
Suite600
Montpelier VT 05602

July 26, 2013

Project: Avery Dennison / Flowery Branch, GA

Submittal Date: 07/18/2013
Group Number: 1405056
PO Number: 1-0145-4
State of Sample Origin: GA

Client Sample Description
Exhaust Grab Air
Knockout Grab Air

Lancaster Labs (LL) #
7131120
7131121

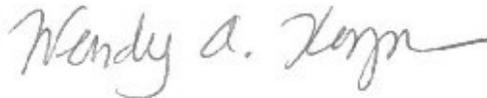
The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Sample Analysis Record.

ELECTRONIC The Johnson Company, Inc.
COPY TO
ELECTRONIC The Johnson Company, Inc.
COPY TO

Attn: Todd Hall

Attn: Glen Kirkpatrick

Respectfully Submitted,



Wendy A. Kozma
Principal Specialist Group Leader

(717) 556-7257

Sample Description: Exhaust Grab Air
SummaCan# 975
Avery Dennison / Flowery Branch, GA

LL Sample # AQ 7131120
LL Group # 1405056
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 07/16/2013 15:44 by NW
through 07/16/2013 16:11
Submitted: 07/18/2013 10:15
Reported: 07/26/2013 09:58

The Johnson Company, Inc.
100 State Street
Suite600
Montpelier VT 05602

CAT No.	Analysis Name	CAS Number	As Received Final Result		MDL	As Received Final Result		MDL	DF
Volatiles in Air		EPA TO-15	ppb(v)		ppb(v)	ug/m3		ug/m3	
05298	Acetone	67-64-1	98		5.0	230	12	10	
05298	Benzene	71-43-2	1.5		0.20	4.8	0.64	1	
05298	Bromobenzene	108-86-1	0.33	J	0.20	2.1	1.3	1	
05298	Bromodichloromethane	75-27-4	N.D.		0.20	N.D.	1.3	1	
05298	Bromoform	75-25-2	0.22	J	0.20	2.3	2.1	1	
05298	Bromomethane	74-83-9	N.D.		0.20	N.D.	0.78	1	
05298	1,3-Butadiene	106-99-0	N.D.		0.50	N.D.	1.1	1	
05298	2-Butanone	78-93-3	8.0		0.50	23	1.5	1	
05298	Carbon Disulfide	75-15-0	2.4		0.50	7.6	1.6	1	
05298	Carbon Tetrachloride	56-23-5	N.D.		0.20	N.D.	1.3	1	
05298	Chlorobenzene	108-90-7	0.30	J	0.20	1.4	0.92	1	
05298	Chlorodifluoromethane	75-45-6	0.82	J	0.20	2.9	0.71	1	
05298	Chloroethane	75-00-3	N.D.		0.20	N.D.	0.53	1	
05298	Chloroform	67-66-3	0.21	J	0.20	1.0	0.98	1	
05298	Chloromethane	74-87-3	1.6		0.20	3.3	0.41	1	
05298	3-Chloropropene	107-05-1	N.D.		0.20	N.D.	0.63	1	
05298	Cumene	98-82-8	N.D.		0.20	N.D.	0.98	1	
05298	Dibromochloromethane	124-48-1	N.D.		0.20	N.D.	1.7	1	
05298	1,2-Dibromoethane	106-93-4	N.D.		0.20	N.D.	1.5	1	
05298	Dibromomethane	74-95-3	N.D.		0.20	N.D.	1.4	1	
05298	1,2-Dichlorobenzene	95-50-1	1.3		0.20	7.9	1.2	1	
05298	1,3-Dichlorobenzene	541-73-1	3.4		0.20	21	1.2	1	
05298	1,4-Dichlorobenzene	106-46-7	1.8		0.20	11	1.2	1	
05298	Dichlorodifluoromethane	75-71-8	0.57	J	0.20	2.8	0.99	1	
05298	1,1-Dichloroethane	75-34-3	8.6		0.20	35	0.81	1	
05298	1,2-Dichloroethane	107-06-2	0.24	J	0.20	0.98	0.81	1	
05298	1,1-Dichloroethene	75-35-4	180		2.0	730	7.9	10	
05298	cis-1,2-Dichloroethene	156-59-2	N.D.		0.20	N.D.	0.79	1	
05298	trans-1,2-Dichloroethene	156-60-5	N.D.		0.20	N.D.	0.79	1	
05298	Dichlorofluoromethane	75-43-4	N.D.		0.20	N.D.	0.84	1	
05298	1,2-Dichloropropane	78-87-5	N.D.		0.20	N.D.	0.92	1	
05298	cis-1,3-Dichloropropene	10061-01-5	N.D.		0.20	N.D.	0.91	1	
05298	trans-1,3-Dichloropropene	10061-02-6	N.D.		0.20	N.D.	0.91	1	
05298	Ethylbenzene	100-41-4	0.99	J	0.20	4.3	0.87	1	
05298	4-Ethyltoluene	622-96-8	0.81	J	0.20	4.0	0.98	1	
05298	Freon 113	76-13-1	N.D.		0.50	N.D.	3.8	1	
05298	Freon 114	76-14-2	N.D.		0.20	N.D.	1.4	1	
05298	Heptane	142-82-5	N.D.		0.20	N.D.	0.82	1	
05298	Hexachloroethane	67-72-1	N.D.		0.20	N.D.	1.9	1	
05298	Hexane	110-54-3	N.D.		0.20	N.D.	0.70	1	
05298	2-Hexanone	591-78-6	0.62	J	0.50	2.5	2.0	1	
05298	Isooctane	540-84-1	N.D.		0.20	N.D.	0.93	1	
05298	Methyl t-Butyl Ether	1634-04-4	N.D.		0.20	N.D.	0.72	1	
05298	4-Methyl-2-Pentanone	108-10-1	N.D.		0.50	N.D.	2.0	1	
05298	Methylene Chloride	75-09-2	0.46	J	0.20	1.6	0.69	1	
05298	Octane	111-65-9	0.29	J	0.20	1.3	0.93	1	
05298	Pentane	109-66-0	0.50	J	0.20	1.5	0.59	1	
05298	Styrene	100-42-5	0.50	J	0.20	2.1	0.85	1	
05298	1,1,1,2-Tetrachloroethane	630-20-6	N.D.		0.20	N.D.	1.4	1	
05298	1,1,2,2-Tetrachloroethane	79-34-5	0.27	J	0.20	1.9	1.4	1	
05298	Tetrachloroethene	127-18-4	N.D.		0.20	N.D.	1.4	1	

Sample Description: Exhaust Grab Air
SummaCan# 975
Avery Dennison / Flowery Branch, GA

LL Sample # AQ 7131120
LL Group # 1405056
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 07/16/2013 15:44 by NW
through 07/16/2013 16:11
Submitted: 07/18/2013 10:15
Reported: 07/26/2013 09:58

The Johnson Company, Inc.
100 State Street
Suite600
Montpelier VT 05602

CAT No.	Analysis Name	CAS Number	As Received Final Result	MDL	As Received Final Result	MDL	DF
Volatiles in Air		EPA TO-15	ppb(v)	ppb(v)	ug/m3	ug/m3	
05298	Toluene	108-88-3	0.83 J	0.20	3.1 J	0.75	1
05298	1,1,1-Trichloroethane	71-55-6	73	2.0	400	11	10
05298	1,1,2-Trichloroethane	79-00-5	N.D.	0.20	N.D.	1.1	1
05298	Trichloroethene	79-01-6	N.D.	0.20	N.D.	1.1	1
05298	Trichlorofluoromethane	75-69-4	16	0.20	90	1.1	1
05298	1,2,3-Trichloropropane	96-18-4	0.25 J	0.20	1.5 J	1.2	1
05298	1,2,4-Trimethylbenzene	95-63-6	1.8	0.20	8.8	0.98	1
05298	1,3,5-Trimethylbenzene	108-67-8	0.55 J	0.20	2.7 J	0.98	1
05298	Vinyl Chloride	75-01-4	0.65 J	0.20	1.7 J	0.51	1
05298	m/p-Xylene	179601-23-1	3.5	0.20	15	0.87	1
05298	o-Xylene	95-47-6	2.0	0.20	8.8	0.87	1

MDL = Method Detection Limit

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/14

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
05298	TO 15 VOA Ext. List	EPA TO-15	1	D1320430AA	07/24/2013 03:15	Michael A Ziegler	1
05298	TO 15 VOA Ext. List	EPA TO-15	1	D1320430AA	07/24/2013 12:03	Michael A Ziegler	10

Sample Description: Knockout Grab Air
SummaCan# 1060
Avery Dennison / Flowery Branch, GA

LL Sample # AQ 7131121
LL Group # 1405056
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 07/16/2013 15:40 by NW

The Johnson Company, Inc.

100 State Street

Submitted: 07/18/2013 10:15

Suite600

Reported: 07/26/2013 09:58

Montpelier VT 05602

CAT No.	Analysis Name	CAS Number	As Received Final Result		MDL	As Received Final Result		MDL	DF
Volatiles in Air		EPA TO-15	ppb(v)		ppb(v)	ug/m3		ug/m3	
05298	Acetone	67-64-1	28		1.0	67	2.4	2	
05298	Benzene	71-43-2	0.48	J	0.40	1.5	J	1.3	2
05298	Bromobenzene	108-86-1	0.99	J	0.40	6.4	J	2.6	2
05298	Bromodichloromethane	75-27-4	N.D.		0.40	N.D.		2.7	2
05298	Bromoform	75-25-2	0.53	J	0.40	5.5	J	4.1	2
05298	Bromomethane	74-83-9	N.D.		0.40	N.D.		1.6	2
05298	1,3-Butadiene	106-99-0	N.D.		1.0	N.D.		2.2	2
05298	2-Butanone	78-93-3	5.9		1.0	17		2.9	2
05298	Carbon Disulfide	75-15-0	5.4		1.0	17		3.1	2
05298	Carbon Tetrachloride	56-23-5	N.D.		0.40	N.D.		2.5	2
05298	Chlorobenzene	108-90-7	0.44	J	0.40	2.0	J	1.8	2
05298	Chlorodifluoromethane	75-45-6	N.D.		0.40	N.D.		1.4	2
05298	Chloroethane	75-00-3	N.D.		0.40	N.D.		1.1	2
05298	Chloroform	67-66-3	N.D.		0.40	N.D.		2.0	2
05298	Chloromethane	74-87-3	N.D.		0.40	N.D.		0.83	2
05298	3-Chloropropene	107-05-1	N.D.		0.40	N.D.		1.3	2
05298	Cumene	98-82-8	N.D.		0.40	N.D.		2.0	2
05298	Dibromochloromethane	124-48-1	N.D.		0.40	N.D.		3.4	2
05298	1,2-Dibromoethane	106-93-4	N.D.		0.40	N.D.		3.1	2
05298	Dibromomethane	74-95-3	N.D.		0.40	N.D.		2.8	2
05298	1,2-Dichlorobenzene	95-50-1	4.7		0.40	28		2.4	2
05298	1,3-Dichlorobenzene	541-73-1	5.1		0.40	31		2.4	2
05298	1,4-Dichlorobenzene	106-46-7	5.5		0.40	33		2.4	2
05298	Dichlorodifluoromethane	75-71-8	0.50	J	0.40	2.5	J	2.0	2
05298	1,1-Dichloroethane	75-34-3	11		0.40	44		1.6	2
05298	1,2-Dichloroethane	107-06-2	0.42	J	0.40	1.7	J	1.6	2
05298	1,1-Dichloroethene	75-35-4	170		4.0	680		16	20
05298	cis-1,2-Dichloroethene	156-59-2	N.D.		0.40	N.D.		1.6	2
05298	trans-1,2-Dichloroethene	156-60-5	N.D.		0.40	N.D.		1.6	2
05298	Dichlorofluoromethane	75-43-4	N.D.		0.40	N.D.		1.7	2
05298	1,2-Dichloropropane	78-87-5	N.D.		0.40	N.D.		1.8	2
05298	cis-1,3-Dichloropropene	10061-01-5	N.D.		0.40	N.D.		1.8	2
05298	trans-1,3-Dichloropropene	10061-02-6	N.D.		0.40	N.D.		1.8	2
05298	Ethylbenzene	100-41-4	1.9	J	0.40	8.4	J	1.7	2
05298	4-Ethyltoluene	622-96-8	2.1		0.40	10		2.0	2
05298	Freon 113	76-13-1	N.D.		1.0	N.D.		7.7	2
05298	Freon 114	76-14-2	1.2	J	0.40	8.6	J	2.8	2
05298	Heptane	142-82-5	N.D.		0.40	N.D.		1.6	2
05298	Hexachloroethane	67-72-1	N.D.		0.40	N.D.		3.9	2
05298	Hexane	110-54-3	N.D.		0.40	N.D.		1.4	2
05298	2-Hexanone	591-78-6	2.9	J	1.0	12	J	4.1	2
05298	Isooctane	540-84-1	N.D.		0.40	N.D.		1.9	2
05298	Methyl t-Butyl Ether	1634-04-4	N.D.		0.40	N.D.		1.4	2
05298	4-Methyl-2-Pentanone	108-10-1	N.D.		1.0	N.D.		4.1	2
05298	Methylene Chloride	75-09-2	0.82	J	0.40	2.8	J	1.4	2
05298	Octane	111-65-9	0.45	J	0.40	2.1	J	1.9	2
05298	Pentane	109-66-0	N.D.		0.40	N.D.		1.2	2
05298	Styrene	100-42-5	1.1	J	0.40	4.7	J	1.7	2
05298	1,1,1,2-Tetrachloroethane	630-20-6	N.D.		0.40	N.D.		2.7	2
05298	1,1,2,2-Tetrachloroethane	79-34-5	0.70	J	0.40	4.8	J	2.7	2
05298	Tetrachloroethene	127-18-4	0.66	J	0.40	4.5	J	2.7	2

Sample Description: Knockout Grab Air
SummaCan# 1060
Avery Dennison / Flowery Branch, GA

LL Sample # AQ 7131121
LL Group # 1405056
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 07/16/2013 15:40 by NW The Johnson Company, Inc.
100 State Street
Submitted: 07/18/2013 10:15 Suite600
Reported: 07/26/2013 09:58 Montpelier VT 05602

CAT No.	Analysis Name	CAS Number	As Received Final Result	MDL	As Received Final Result	MDL	DF
Volatiles in Air		EPA TO-15	ppb(v)	ppb(v)	ug/m3	ug/m3	
05298	Toluene	108-88-3	2.5	0.40	9.5	1.5	2
05298	1,1,1-Trichloroethane	71-55-6	89	4.0	490	22	20
05298	1,1,2-Trichloroethane	79-00-5	N.D.	0.40	N.D.	2.2	2
05298	Trichloroethene	79-01-6	N.D.	0.40	N.D.	2.1	2
05298	Trichlorofluoromethane	75-69-4	16	0.40	88	2.2	2
05298	1,2,3-Trichloropropane	96-18-4	0.65 J	0.40	3.9 J	2.4	2
05298	1,2,4-Trimethylbenzene	95-63-6	4.3	0.40	21	2.0	2
05298	1,3,5-Trimethylbenzene	108-67-8	1.8 J	0.40	8.6 J	2.0	2
05298	Vinyl Chloride	75-01-4	0.42 J	0.40	1.1 J	1.0	2
05298	m/p-Xylene	179601-23-1	6.2	0.40	27	1.7	2
05298	o-Xylene	95-47-6	3.6	0.40	16	1.7	2

MDL = Method Detection Limit

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/14

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
05298	TO 15 VOA Ext. List	EPA TO-15	1	D1320430AA	07/24/2013 04:03	Michael A Ziegler	2
05298	TO 15 VOA Ext. List	EPA TO-15	1	D1320430AA	07/24/2013 12:46	Michael A Ziegler	20

Quality Control Summary

Client Name: The Johnson Company, Inc.
Reported: 07/26/13 at 09:58 AM

Group Number: 1405056

Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

All Inorganic Initial Calibration and Continuing Calibration Blanks met acceptable method criteria unless otherwise noted on the Analysis Report.

Laboratory Compliance Quality Control

<u>Analysis Name</u>	<u>Blank Result</u>	<u>Blank MDL</u>	<u>Report Units</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>LCS/LCSD Limits</u>	<u>RPD</u>	<u>RPD Max</u>
Batch number: D1320430AA	Sample number(s): 7131120-7131121							
Acetone	N.D.	0.50	ppb (v)	96	92	61-134	4	25
Benzene	N.D.	0.20	ppb (v)	79	77	70-130	3	25
Bromobenzene	N.D.	0.20	ppb (v)					
Bromodichloromethane	N.D.	0.20	ppb (v)	107	100	70-129	7	25
Bromoform	N.D.	0.20	ppb (v)	114	111	64-141	2	25
Bromomethane	N.D.	0.20	ppb (v)	100	100	70-130	0	25
1,3-Butadiene	N.D.	0.40	ppb (v)	86	87	66-129	1	25
2-Butanone	N.D.	0.50	ppb (v)	77	79	55-131	2	25
Carbon Disulfide	N.D.	0.50	ppb (v)	94	91	57-107	3	25
Carbon Tetrachloride	N.D.	0.20	ppb (v)	125	116	70-130	8	25
Chlorobenzene	N.D.	0.20	ppb (v)	85	82	70-130	3	25
Chlorodifluoromethane	N.D.	0.20	ppb (v)					
Chloroethane	N.D.	0.20	ppb (v)	87	84	70-131	3	25
Chloroform	N.D.	0.20	ppb (v)	99	91	70-130	8	25
Chloromethane	N.D.	0.20	ppb (v)	85	95	64-133	10	25
3-Chloropropene	N.D.	0.20	ppb (v)					
Cumene	N.D.	0.20	ppb (v)					
Dibromochloromethane	N.D.	0.20	ppb (v)	109	104	65-127	5	25
1,2-Dibromoethane	N.D.	0.20	ppb (v)	96	94	65-126	3	25
Dibromomethane	N.D.	0.20	ppb (v)					
1,2-Dichlorobenzene	N.D.	0.20	ppb (v)	91	90	62-132	2	25
1,3-Dichlorobenzene	N.D.	0.20	ppb (v)	87	85	63-125	2	25
1,4-Dichlorobenzene	N.D.	0.20	ppb (v)	89	87	63-127	2	25
Dichlorodifluoromethane	N.D.	0.20	ppb (v)	125	120	69-143	4	25
1,1-Dichloroethane	N.D.	0.20	ppb (v)	92	86	67-124	8	25
1,2-Dichloroethane	N.D.	0.20	ppb (v)	108	100	70-130	8	25
1,1-Dichloroethene	N.D.	0.20	ppb (v)	100	94	64-119	7	25
cis-1,2-Dichloroethene	N.D.	0.20	ppb (v)	86	80	65-121	7	25
trans-1,2-Dichloroethene	N.D.	0.20	ppb (v)	93	87	66-121	7	25
Dichlorofluoromethane	N.D.	0.20	ppb (v)					
1,2-Dichloropropane	N.D.	0.20	ppb (v)	82	77	70-130	6	25
cis-1,3-Dichloropropene	N.D.	0.20	ppb (v)	93	90	64-125	3	25
trans-1,3-Dichloropropene	N.D.	0.20	ppb (v)	91	88	61-126	3	25
Ethylbenzene	N.D.	0.20	ppb (v)	84	81	70-130	3	25
4-Ethyltoluene	N.D.	0.20	ppb (v)	88	85	59-126	4	25
Freon 113	N.D.	0.50	ppb (v)	100	95	63-114	5	25
Freon 114	N.D.	0.20	ppb (v)	107	106	63-123	1	25
Heptane	N.D.	0.20	ppb (v)	80	74	65-119	8	25
Hexachloroethane	N.D.	0.20	ppb (v)					
Hexane	N.D.	0.20	ppb (v)	82	76	63-117	7	25
2-Hexanone	N.D.	0.50	ppb (v)	84	84	41-152	1	25
Isooctane	N.D.	0.20	ppb (v)					
Methyl t-Butyl Ether	N.D.	0.20	ppb (v)	86	85	60-121	1	25

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: The Johnson Company, Inc.
Reported: 07/26/13 at 09:58 AM

Group Number: 1405056

<u>Analysis Name</u>	<u>Blank Result</u>	<u>Blank MDL</u>	<u>Report Units</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>LCS/LCSD Limits</u>	<u>RPD</u>	<u>RPD Max</u>
4-Methyl-2-Pentanone	N.D.	0.50	ppb (v)	77	75	53-140	2	25
Methylene Chloride	N.D.	0.20	ppb (v)	98	91	70-130	7	25
Octane	N.D.	0.20	ppb (v)					
Pentane	N.D.	0.20	ppb (v)					
Styrene	N.D.	0.20	ppb (v)	87	84	64-130	3	25
1,1,1,2-Tetrachloroethane	N.D.	0.20	ppb (v)					
1,1,2,2-Tetrachloroethane	N.D.	0.20	ppb (v)	89	85	58-133	5	25
Tetrachloroethene	N.D.	0.20	ppb (v)	82	79	70-130	4	25
Toluene	N.D.	0.20	ppb (v)	84	81	70-130	5	25
1,1,1-Trichloroethane	N.D.	0.20	ppb (v)	109	102	70-130	7	25
1,1,2-Trichloroethane	N.D.	0.20	ppb (v)	89	84	65-125	6	25
Trichloroethene	N.D.	0.20	ppb (v)	87	84	70-130	3	25
Trichlorofluoromethane	N.D.	0.20	ppb (v)	125	119	70-130	4	25
1,2,3-Trichloropropane	N.D.	0.20	ppb (v)					
1,2,4-Trimethylbenzene	N.D.	0.20	ppb (v)	86	83	60-128	4	25
1,3,5-Trimethylbenzene	N.D.	0.20	ppb (v)	90	87	61-132	3	25
Vinyl Chloride	N.D.	0.20	ppb (v)	90	90	70-130	1	25
m/p-Xylene	N.D.	0.20	ppb (v)	86	83	70-130	4	25
o-Xylene	N.D.	0.20	ppb (v)	87	84	70-130	3	25

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The unspiked result was more than four times the spike added.

Summa Canister Field Test Data/Chain of Custody



Lancaster Laboratories

Acct. # 6556 Group # 1405056 For Eurofins Lancaster Laboratories use only
 Sample # 213170-21 Bottle Order (SCR) # _____
Instructions on reverse side correspond with circled numbers.

1 Client Information			3 Turnaround Time Requested (TAT) (circle one)			6 Analyses Requested				
Client: <u>Johnson Company</u> Account #: _____			<u>Standard</u> Rush (specify) _____			<input checked="" type="checkbox"/> EPA TO - 15 <input type="checkbox"/> EPA 18 <input type="checkbox"/> BTEX <input type="checkbox"/> MTBE <input type="checkbox"/> EPA 25 (select range below) Helium as tracer <input type="checkbox"/> O2/CO2 Library Search				
Project Name/#: <u>Flowery Branch MPE</u>			4 Data Package Required?		5 EDD Required?					
Project Manager: <u>Glen Kirkpatrick</u> P.O. #: _____			Yes No		Yes No					
Sampler: <u>Nathan Williams</u> Quote #: _____			Temperature (F)		Pressure ("Hg)					
Name of state where samples were collected: <u>GA</u>			Start Stop		Start Stop					

Sample Identification	Sample Collection Date	Time Start (24 hr clock)	Time Stop (24 hr clock)	Canister Pressure in Field ("Hg) (Start)	Canister Pressure in Field ("Hg) (Stop)	Interior Temp. (F) (Start)	Interior Temp. (F) (Stop)	Flow Reg. ID	Can ID	Can Size (L)	Controller Flowrate (ml/min)	EPA TO - 15	EPA 18	EPA 25 (select range below)	Helium as tracer	O2/CO2	Library Search
<u>Exhaust</u>	<u>7/16</u>	<u>15:44</u>	<u>16:11</u>	<u>-29</u>	<u>-7</u>			<u>329354</u>	<u>975</u>	<u>1</u>		<input checked="" type="checkbox"/>					
<u>Knockout</u>	<u>7/16</u>	<u>15:40</u>							<u>1060</u>	<u>1</u>		<input checked="" type="checkbox"/>					

7 Instructions/QC Requirements & Comments	EPA 25 (check one) <input type="checkbox"/> C1 - C4 <input type="checkbox"/> C2 - C10 <input type="checkbox"/> C1 - C10 <input type="checkbox"/> C4 - C10 (GRO) <input type="checkbox"/> C2 - C4
--	--

Canisters Shipped by: _____	Date/Time: _____	Canisters Received by: _____	Date/Time: <u>7/16 15:40</u>	Relinquished by: _____	Date/Time: _____	Received by: _____	Date/Time: _____
Relinquished by: _____	Date/Time: <u>7/16 16:45</u>	Received by: _____	Date/Time: _____	Relinquished by: _____	Date/Time: _____	Received by: _____	Date/Time: _____
Relinquished by: _____	Date/Time: _____	Received by: _____	Date/Time: _____	Relinquished by: _____	Date/Time: _____	Received by: <u>Nancy A. Kees</u>	Date/Time: <u>7-18-13</u>

Environmental Sample Administration
Receipt Documentation Log

Client/Project: Johnson Company
 Date of Receipt: 7-18-13
 Time of Receipt: 1015
 Source Code: 60

Shipping Container Sealed: YES NO

Custody Seal Present * : YES NO

* Custody seal was intact unless otherwise noted in the discrepancy section

Package: Chilled Not Chilled

Temperature of Shipping Containers							
Cooler #	Thermometer ID	Temperature (°C)	Temp Bottle (TB) or Surface Temp (ST)	Wet Ice (WI) or Dry Ice (DI) or Ice Packs (IP)	Ice Present? Y/N	Loose (L) Bagged Ice (B) or NA	Comments
1							
2							
3							
4							
5							
6							

Number of Trip Blanks received NOT listed on chain of custody: _____

Paperwork Discrepancy/Unpacking Problems:

Received 3 Flow Controllers

Unpacker Signature/Emp#: Nancy H. Hess Date/Time: 7-18-13 1145

Issued by Dept. 6042 Management

Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

RL	Reporting Limit	BMQL	Below Minimum Quantitation Level
N.D.	none detected	MPN	Most Probable Number
TNTC	Too Numerous To Count	CP Units	cobalt-chloroplatinate units
IU	International Units	NTU	nephelometric turbidity units
umhos/cm	micromhos/cm	ng	nanogram(s)
C	degrees Celsius	F	degrees Fahrenheit
meq	milliequivalents	lb.	pound(s)
g	gram(s)	kg	kilogram(s)
µg	microgram(s)	mg	milligram(s)
mL	milliliter(s)	L	liter(s)
m³	cubic meter(s)	µL	microliter(s)
		pg/L	picogram/liter

< less than - The number following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably determined using this specific test.

> greater than

ppm parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

Data Qualifiers:

C – result confirmed by reanalysis.

J - estimated value – The result is \geq the Method Detection Limit (MDL) and $<$ the Limit of Quantitation (LOQ).

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers

- A** TIC is a possible aldol-condensation product
- B** Analyte was also detected in the blank
- C** Pesticide result confirmed by GC/MS
- D** Compound quantitated on a diluted sample
- E** Concentration exceeds the calibration range of the instrument
- N** Presumptive evidence of a compound (TICs only)
- P** Concentration difference between primary and confirmation columns $>25\%$
- U** Compound was not detected
- X,Y,Z** Defined in case narrative

Inorganic Qualifiers

- B** Value is $<$ CRDL, but \geq IDL
- E** Estimated due to interference
- M** Duplicate injection precision not met
- N** Spike sample not within control limits
- S** Method of standard additions (MSA) used for calculation
- U** Compound was not detected
- W** Post digestion spike out of control limits
- *** Duplicate analysis not within control limits
- +** Correlation coefficient for MSA <0.995

Analytical test results meet all requirements of NELAC unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

Times are local to the area of activity. Parameters listed in the 40 CFR part 136 Table II as “analyze immediately” are not performed within 15 minutes.

WARRANTY AND LIMITS OF LIABILITY - In accepting analytical work, we warrant the accuracy of test results for the sample as submitted. THE FOREGOING EXPRESS WARRANTY IS EXCLUSIVE AND IS GIVEN IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED. WE DISCLAIM ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING A WARRANTY OF FITNESS FOR PARTICULAR PURPOSE AND WARRANTY OF MERCHANTABILITY. IN NO EVENT SHALL EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL, LLC BE LIABLE FOR INDIRECT, SPECIAL, CONSEQUENTIAL, OR INCIDENTAL DAMAGES INCLUDING, BUT NOT LIMITED TO, DAMAGES FOR LOSS OF PROFIT OR GOODWILL REGARDLESS OF (A) THE NEGLIGENCE (EITHER SOLE OR CONCURRENT) OF EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL AND (B) WHETHER EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL HAS BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES. We accept no legal responsibility for the purposes for which the client uses the test results. No purchase order or other order for work shall be accepted by Eurofins Lancaster Laboratories Environmental which includes any conditions that vary from the Standard Terms and Conditions, and Eurofins Lancaster Laboratories Environmental hereby objects to any conflicting terms contained in any acceptance or order submitted by client.

ANALYTICAL RESULTS

Prepared by:

Eurofins Lancaster Laboratories Environmental
2425 New Holland Pike
Lancaster, PA 17601

Prepared for:

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

August 15, 2013

Project: Avery Dennison / Flowery Branch, GA

Submittal Date: 08/06/2013
Group Number: 1409313
PO Number: 1-0145-4
State of Sample Origin: GA

Client Sample Description
Knockout Air
Exhaust Air

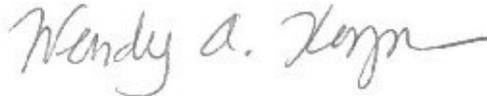
Lancaster Labs (LL) #
7151157
7151158

The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Sample Analysis Record.

ELECTRONIC The Johnson Company, Inc.
COPY TO

Attn: Glen Kirkpatrick

Respectfully Submitted,



Wendy A. Kozma
Principal Specialist Group Leader

(717) 556-7257

Sample Description: Knockout Air
SummaCan# 926
Avery Dennison / Flowery Branch, GA

LL Sample # AQ 7151157
LL Group # 1409313
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 08/01/2013 15:05 by NW

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

Submitted: 08/06/2013 09:30

Reported: 08/15/2013 16:33

CAT No.	Analysis Name	CAS Number	As Received Final Result	MDL	As Received Final Result	MDL	DF
Volatiles in Air		EPA TO-15	ppb(v)	ppb(v)	ug/m3	ug/m3	
05298	Acetone	67-64-1	43	1.3	100	3.0	2.5
05298	Benzene	71-43-2	N.D.	0.50	N.D.	1.6	2.5
05298	Bromobenzene	108-86-1	N.D.	0.50	N.D.	3.2	2.5
05298	Bromodichloromethane	75-27-4	N.D.	0.50	N.D.	3.4	2.5
05298	Bromoform	75-25-2	N.D.	0.50	N.D.	5.2	2.5
05298	Bromomethane	74-83-9	N.D.	0.50	N.D.	1.9	2.5
05298	1,3-Butadiene	106-99-0	N.D.	1.3	N.D.	2.8	2.5
05298	2-Butanone	78-93-3	5.3	1.3	16	3.7	2.5
05298	Carbon Disulfide	75-15-0	6.8	1.3	21	3.9	2.5
05298	Carbon Tetrachloride	56-23-5	N.D.	0.50	N.D.	3.1	2.5
05298	Chlorobenzene	108-90-7	N.D.	0.50	N.D.	2.3	2.5
05298	Chlorodifluoromethane	75-45-6	0.68 J	0.50	2.4 J	1.8	2.5
05298	Chloroethane	75-00-3	N.D.	0.50	N.D.	1.3	2.5
05298	Chloroform	67-66-3	N.D.	0.50	N.D.	2.4	2.5
05298	Chloromethane	74-87-3	0.75 J	0.50	1.5 J	1.0	2.5
05298	3-Chloropropene	107-05-1	N.D.	0.50	N.D.	1.6	2.5
05298	Cumene	98-82-8	N.D.	0.50	N.D.	2.5	2.5
05298	Dibromochloromethane	124-48-1	N.D.	0.50	N.D.	4.3	2.5
05298	1,2-Dibromoethane	106-93-4	N.D.	0.50	N.D.	3.8	2.5
05298	Dibromomethane	74-95-3	N.D.	0.50	N.D.	3.6	2.5
05298	1,2-Dichlorobenzene	95-50-1	2.1 J	0.50	13 J	3.0	2.5
05298	1,3-Dichlorobenzene	541-73-1	2.7	0.50	16	3.0	2.5
05298	1,4-Dichlorobenzene	106-46-7	3.0	0.50	18	3.0	2.5
05298	Dichlorodifluoromethane	75-71-8	N.D.	0.50	N.D.	2.5	2.5
05298	1,1-Dichloroethane	75-34-3	21	0.50	85	2.0	2.5
05298	1,2-Dichloroethane	107-06-2	0.54 J	0.50	2.2 J	2.0	2.5
05298	1,1-Dichloroethene	75-35-4	340	5.0	1,300	20	25
05298	cis-1,2-Dichloroethene	156-59-2	N.D.	0.50	N.D.	2.0	2.5
05298	trans-1,2-Dichloroethene	156-60-5	N.D.	0.50	N.D.	2.0	2.5
05298	Dichlorofluoromethane	75-43-4	N.D.	0.50	N.D.	2.1	2.5
05298	1,2-Dichloropropane	78-87-5	N.D.	0.50	N.D.	2.3	2.5
05298	cis-1,3-Dichloropropene	10061-01-5	N.D.	0.50	N.D.	2.3	2.5
05298	trans-1,3-Dichloropropene	10061-02-6	N.D.	0.50	N.D.	2.3	2.5
05298	Ethylbenzene	100-41-4	0.91 J	0.50	3.9 J	2.2	2.5
05298	4-Ethyltoluene	622-96-8	0.89 J	0.50	4.4 J	2.5	2.5
05298	Freon 113	76-13-1	N.D.	1.3	N.D.	9.6	2.5
05298	Freon 114	76-14-2	N.D.	0.50	N.D.	3.5	2.5
05298	Heptane	142-82-5	N.D.	0.50	N.D.	2.0	2.5
05298	Hexachloroethane	67-72-1	N.D.	0.50	N.D.	4.8	2.5
05298	Hexane	110-54-3	N.D.	0.50	N.D.	1.8	2.5
05298	2-Hexanone	591-78-6	N.D.	1.3	N.D.	5.1	2.5
05298	Isooctane	540-84-1	N.D.	0.50	N.D.	2.3	2.5
05298	Methyl t-Butyl Ether	1634-04-4	N.D.	0.50	N.D.	1.8	2.5
05298	4-Methyl-2-Pentanone	108-10-1	N.D.	1.3	N.D.	5.1	2.5
05298	Methylene Chloride	75-09-2	0.99 J	0.50	3.4 J	1.7	2.5
05298	Octane	111-65-9	N.D.	0.50	N.D.	2.3	2.5
05298	Pentane	109-66-0	0.90 J	0.50	2.7 J	1.5	2.5
05298	Styrene	100-42-5	0.66 J	0.50	2.8 J	2.1	2.5
05298	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	0.50	N.D.	3.4	2.5
05298	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	0.50	N.D.	3.4	2.5
05298	Tetrachloroethene	127-18-4	N.D.	0.50	N.D.	3.4	2.5

2425 New Holland Pike, Lancaster, PA 17601 • 717-656-2300 • Fax: 717-656-2681 • www.LancasterLabs.com

Sample Description: Knockout Air
SummaCan# 926
Avery Dennison / Flowery Branch, GA

LL Sample # AQ 7151157
LL Group # 1409313
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 08/01/2013 15:05 by NW

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

Submitted: 08/06/2013 09:30

Reported: 08/15/2013 16:33

CAT No.	Analysis Name	CAS Number	As Received Final Result	MDL	As Received Final Result	MDL	DF
Volatiles in Air		EPA TO-15	ppb(v)	ppb(v)	ug/m3	ug/m3	
05298	Toluene	108-88-3	5.3	0.50	20	1.9	2.5
05298	1,1,1-Trichloroethane	71-55-6	140	0.50	780	2.7	2.5
05298	1,1,2-Trichloroethane	79-00-5	1.3 J	0.50	7.3 J	2.7	2.5
05298	Trichloroethene	79-01-6	N.D.	0.50	N.D.	2.7	2.5
05298	Trichlorofluoromethane	75-69-4	14	0.50	81	2.8	2.5
05298	1,2,3-Trichloropropane	96-18-4	N.D.	0.50	N.D.	3.0	2.5
05298	1,2,4-Trimethylbenzene	95-63-6	2.5	0.50	12	2.5	2.5
05298	1,3,5-Trimethylbenzene	108-67-8	0.65 J	0.50	3.2 J	2.5	2.5
05298	Vinyl Chloride	75-01-4	5.7	0.50	14	1.3	2.5
05298	m/p-Xylene	179601-23-1	2.7	0.50	12	2.2	2.5
05298	o-Xylene	95-47-6	1.4 J	0.50	6.2 J	2.2	2.5

MDL = Method Detection Limit

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/14

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
05298	TO 15 VOA Ext. List	EPA TO-15	1	D1322430AB	08/13/2013 22:40	Michael A Ziegler	2.5
05298	TO 15 VOA Ext. List	EPA TO-15	1	D1322630AA	08/15/2013 07:19	Michael A Ziegler	25

Sample Description: Exhaust Air
SummaCan# 955
Avery Dennison / Flowery Branch, GA

LL Sample # AQ 7151158
LL Group # 1409313
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 08/01/2013 14:54 by NW
through 08/01/2013 15:25
Submitted: 08/06/2013 09:30
Reported: 08/15/2013 16:33

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

CAT No.	Analysis Name	CAS Number	As Received Final Result	MDL	As Received Final Result	MDL	DF
Volatiles in Air		EPA TO-15	ppb(v)	ppb(v)	ug/m3	ug/m3	
05298	Acetone	67-64-1	70	5.0	170	12	10
05298	Benzene	71-43-2	1.4	0.20	4.5	0.64	1
05298	Bromobenzene	108-86-1	N.D.	0.20	N.D.	1.3	1
05298	Bromodichloromethane	75-27-4	N.D.	0.20	N.D.	1.3	1
05298	Bromoform	75-25-2	N.D.	0.20	N.D.	2.1	1
05298	Bromomethane	74-83-9	N.D.	0.20	N.D.	0.78	1
05298	1,3-Butadiene	106-99-0	N.D.	0.50	N.D.	1.1	1
05298	2-Butanone	78-93-3	16	0.50	48	1.5	1
05298	Carbon Disulfide	75-15-0	1.6	0.50	5.0	1.6	1
05298	Carbon Tetrachloride	56-23-5	N.D.	0.20	N.D.	1.3	1
05298	Chlorobenzene	108-90-7	N.D.	0.20	N.D.	0.92	1
05298	Chlorodifluoromethane	75-45-6	0.63 J	0.20	2.2 J	0.71	1
05298	Chloroethane	75-00-3	0.24 J	0.20	0.63 J	0.53	1
05298	Chloroform	67-66-3	N.D.	0.20	N.D.	0.98	1
05298	Chloromethane	74-87-3	0.73 J	0.20	1.5 J	0.41	1
05298	3-Chloropropene	107-05-1	N.D.	0.20	N.D.	0.63	1
05298	Cumene	98-82-8	N.D.	0.20	N.D.	0.98	1
05298	Dibromochloromethane	124-48-1	N.D.	0.20	N.D.	1.7	1
05298	1,2-Dibromoethane	106-93-4	N.D.	0.20	N.D.	1.5	1
05298	Dibromomethane	74-95-3	N.D.	0.20	N.D.	1.4	1
05298	1,2-Dichlorobenzene	95-50-1	0.60 J	0.20	3.6 J	1.2	1
05298	1,3-Dichlorobenzene	541-73-1	1.4	0.20	8.6	1.2	1
05298	1,4-Dichlorobenzene	106-46-7	0.77 J	0.20	4.7 J	1.2	1
05298	Dichlorodifluoromethane	75-71-8	0.44 J	0.20	2.2 J	0.99	1
05298	1,1-Dichloroethane	75-34-3	15	0.20	60	0.81	1
05298	1,2-Dichloroethane	107-06-2	0.32 J	0.20	1.3 J	0.81	1
05298	1,1-Dichloroethene	75-35-4	280	2.0	1,100	7.9	10
05298	cis-1,2-Dichloroethene	156-59-2	N.D.	0.20	N.D.	0.79	1
05298	trans-1,2-Dichloroethene	156-60-5	N.D.	0.20	N.D.	0.79	1
05298	Dichlorofluoromethane	75-43-4	N.D.	0.20	N.D.	0.84	1
05298	1,2-Dichloropropane	78-87-5	N.D.	0.20	N.D.	0.92	1
05298	cis-1,3-Dichloropropene	10061-01-5	N.D.	0.20	N.D.	0.91	1
05298	trans-1,3-Dichloropropene	10061-02-6	N.D.	0.20	N.D.	0.91	1
05298	Ethylbenzene	100-41-4	0.71 J	0.20	3.1 J	0.87	1
05298	4-Ethyltoluene	622-96-8	0.39 J	0.20	1.9 J	0.98	1
05298	Freon 113	76-13-1	N.D.	0.50	N.D.	3.8	1
05298	Freon 114	76-14-2	0.37 J	0.20	2.6 J	1.4	1
05298	Heptane	142-82-5	0.36 J	0.20	1.5 J	0.82	1
05298	Hexachloroethane	67-72-1	N.D.	0.20	N.D.	1.9	1
05298	Hexane	110-54-3	0.58 J	0.20	2.0 J	0.70	1
05298	2-Hexanone	591-78-6	N.D.	0.50	N.D.	2.0	1
05298	Isooctane	540-84-1	N.D.	0.20	N.D.	0.93	1
05298	Methyl t-Butyl Ether	1634-04-4	N.D.	0.20	N.D.	0.72	1
05298	4-Methyl-2-Pentanone	108-10-1	N.D.	0.50	N.D.	2.0	1
05298	Methylene Chloride	75-09-2	0.72 J	0.20	2.5 J	0.69	1
05298	Octane	111-65-9	0.30 J	0.20	1.4 J	0.93	1
05298	Pentane	109-66-0	1.2	0.20	3.7	0.59	1
05298	Styrene	100-42-5	0.39 J	0.20	1.7 J	0.85	1
05298	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	0.20	N.D.	1.4	1
05298	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	0.20	N.D.	1.4	1
05298	Tetrachloroethene	127-18-4	N.D.	0.20	N.D.	1.4	1

Sample Description: Exhaust Air
SummaCan# 955
Avery Dennison / Flowery Branch, GA

LL Sample # AQ 7151158
LL Group # 1409313
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 08/01/2013 14:54 by NW
through 08/01/2013 15:25
Submitted: 08/06/2013 09:30
Reported: 08/15/2013 16:33

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

CAT No.	Analysis Name	CAS Number	As Received Final Result	MDL	As Received Final Result	MDL	DF
Volatiles in Air		EPA TO-15	ppb(v)	ppb(v)	ug/m3	ug/m3	
05298	Toluene	108-88-3	4.9	0.20	18	0.75	1
05298	1,1,1-Trichloroethane	71-55-6	57	2.0	310	11	10
05298	1,1,2-Trichloroethane	79-00-5	0.28 J	0.20	1.6 J	1.1	1
05298	Trichloroethene	79-01-6	N.D.	0.20	N.D.	1.1	1
05298	Trichlorofluoromethane	75-69-4	12	0.20	66	1.1	1
05298	1,2,3-Trichloropropane	96-18-4	N.D.	0.20	N.D.	1.2	1
05298	1,2,4-Trimethylbenzene	95-63-6	2.0	0.20	10	0.98	1
05298	1,3,5-Trimethylbenzene	108-67-8	0.59 J	0.20	2.9 J	0.98	1
05298	Vinyl Chloride	75-01-4	7.6	0.20	20	0.51	1
05298	m/p-Xylene	179601-23-1	2.8	0.20	12	0.87	1
05298	o-Xylene	95-47-6	1.6	0.20	7.0	0.87	1

MDL = Method Detection Limit

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/14

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
05298	TO 15 VOA Ext. List	EPA TO-15	1	D1322430AB	08/13/2013 23:28	Michael A Ziegler	1
05298	TO 15 VOA Ext. List	EPA TO-15	1	D1322630AA	08/15/2013 08:02	Michael A Ziegler	10

Quality Control Summary

Client Name: The Johnson Company, Inc.
Reported: 08/15/13 at 04:33 PM

Group Number: 1409313

Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

All Inorganic Initial Calibration and Continuing Calibration Blanks met acceptable method criteria unless otherwise noted on the Analysis Report.

Laboratory Compliance Quality Control

<u>Analysis Name</u>	<u>Blank Result</u>	<u>Blank MDL</u>	<u>Report Units</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>LCS/LCSD Limits</u>	<u>RPD</u>	<u>RPD Max</u>
Batch number: D1322430AB	Sample number(s): 7151157-7151158							
Acetone	N.D.	0.50	ppb (v)	94	89	61-134	6	25
Benzene	N.D.	0.20	ppb (v)	96	94	70-130	2	25
Bromobenzene	N.D.	0.20	ppb (v)					
Bromodichloromethane	N.D.	0.20	ppb (v)	92	93	70-129	1	25
Bromoform	N.D.	0.20	ppb (v)	92	97	64-141	5	25
Bromomethane	N.D.	0.20	ppb (v)	74	77	70-130	5	25
1,3-Butadiene	N.D.	0.40	ppb (v)	78	82	66-129	5	25
2-Butanone	N.D.	0.50	ppb (v)	88	84	55-131	4	25
Carbon Disulfide	N.D.	0.50	ppb (v)	75	79	57-107	6	25
Carbon Tetrachloride	N.D.	0.20	ppb (v)	98	96	70-130	2	25
Chlorobenzene	N.D.	0.20	ppb (v)	86	90	70-130	5	25
Chlorodifluoromethane	N.D.	0.20	ppb (v)					
Chloroethane	N.D.	0.20	ppb (v)	74	78	70-131	5	25
Chloroform	N.D.	0.20	ppb (v)	92	90	70-130	2	25
Chloromethane	N.D.	0.20	ppb (v)	71	74	64-133	4	25
3-Chloropropene	N.D.	0.20	ppb (v)					
Cumene	N.D.	0.20	ppb (v)					
Dibromochloromethane	N.D.	0.20	ppb (v)	87	93	65-127	7	25
1,2-Dibromoethane	N.D.	0.20	ppb (v)	91	97	65-126	7	25
Dibromomethane	N.D.	0.20	ppb (v)					
1,2-Dichlorobenzene	N.D.	0.20	ppb (v)	92	95	62-132	3	25
1,3-Dichlorobenzene	N.D.	0.20	ppb (v)	82	86	63-125	4	25
1,4-Dichlorobenzene	N.D.	0.20	ppb (v)	90	94	63-127	4	25
Dichlorodifluoromethane	N.D.	0.20	ppb (v)	81	82	69-143	1	25
1,1-Dichloroethane	N.D.	0.20	ppb (v)	91	89	67-124	2	25
1,2-Dichloroethane	N.D.	0.20	ppb (v)	98	99	70-130	1	25
cis-1,2-Dichloroethene	N.D.	0.20	ppb (v)	88	86	65-121	3	25
trans-1,2-Dichloroethene	N.D.	0.20	ppb (v)	86	84	66-121	2	25
Dichlorofluoromethane	N.D.	0.20	ppb (v)					
1,2-Dichloropropane	N.D.	0.20	ppb (v)	95	94	70-130	1	25
cis-1,3-Dichloropropene	N.D.	0.20	ppb (v)	122	112	64-125	9	25
trans-1,3-Dichloropropene	N.D.	0.20	ppb (v)	95	93	61-126	1	25
Ethylbenzene	N.D.	0.20	ppb (v)	104	102	70-130	2	25
4-Ethyltoluene	N.D.	0.20	ppb (v)	106	100	59-126	5	25
Freon 113	N.D.	0.50	ppb (v)	87	87	63-114	0	25
Freon 114	N.D.	0.20	ppb (v)	79	80	63-123	0	25
Heptane	N.D.	0.20	ppb (v)	111	94	65-119	17	25
Hexachloroethane	N.D.	0.20	ppb (v)					
Hexane	N.D.	0.20	ppb (v)	107	87	63-117	20	25
2-Hexanone	N.D.	0.50	ppb (v)	126	126	41-152	1	25
Isooctane	N.D.	0.20	ppb (v)					
Methyl t-Butyl Ether	N.D.	0.20	ppb (v)	97	93	60-121	4	25
4-Methyl-2-Pentanone	N.D.	0.50	ppb (v)	117	110	53-140	7	25

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: The Johnson Company, Inc.
Reported: 08/15/13 at 04:33 PM

Group Number: 1409313

<u>Analysis Name</u>	<u>Blank Result</u>	<u>Blank MDL</u>	<u>Report Units</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>LCS/LCSD Limits</u>	<u>RPD</u>	<u>RPD Max</u>
Methylene Chloride	N.D.	0.20	ppb (v)	94	90	70-130	4	25
Octane	N.D.	0.20	ppb (v)					
Pentane	N.D.	0.20	ppb (v)					
Styrene	N.D.	0.20	ppb (v)	103	109	64-130	5	25
1,1,1,2-Tetrachloroethane	N.D.	0.20	ppb (v)					
1,1,2,2-Tetrachloroethane	N.D.	0.20	ppb (v)	88	88	58-133	0	25
Tetrachloroethene	N.D.	0.20	ppb (v)	81	85	70-130	4	25
Toluene	N.D.	0.20	ppb (v)	112	102	70-130	10	25
1,1,1-Trichloroethane	N.D.	0.20	ppb (v)	96	95	70-130	1	25
1,1,2-Trichloroethane	N.D.	0.20	ppb (v)	88	93	65-125	5	25
Trichloroethene	N.D.	0.20	ppb (v)	90	92	70-130	2	25
Trichlorofluoromethane	N.D.	0.20	ppb (v)	85	86	70-130	1	25
1,2,3-Trichloropropane	N.D.	0.20	ppb (v)					
1,2,4-Trimethylbenzene	N.D.	0.20	ppb (v)	97	91	60-128	6	25
1,3,5-Trimethylbenzene	N.D.	0.20	ppb (v)	105	104	61-132	1	25
Vinyl Chloride	N.D.	0.20	ppb (v)	75	77	70-130	3	25
m/p-Xylene	N.D.	0.20	ppb (v)	115	108	70-130	6	25
o-Xylene	N.D.	0.20	ppb (v)	115	109	70-130	5	25
Batch number: D1322630AA	Sample number(s): 7151157-7151158							
Acetone	N.D.	0.50	ppb (v)	89	100	61-134	11	25
1,1-Dichloroethene	N.D.	0.20	ppb (v)	98	103	64-119	6	25
1,1,1-Trichloroethane	N.D.	0.20	ppb (v)	104	111	70-130	6	25

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The unspiked result was more than four times the spike added.

Environmental Sample Administration 1409313
 Receipt Documentation Log

Client/Project: Johnson Co
 Date of Receipt: 8/6/13
 Time of Receipt: 0930
 Source Code: 60-1

Shipping Container Sealed: YES NO
 Custody Seal Present * : YES NO
 * Custody seal was intact unless otherwise noted in the discrepancy section
 Package: Chilled Not Chilled

Temperature of Shipping Containers							
Cooler #	Thermometer ID	Temperature (°C)	Temp Bottle (TB) or Surface Temp (ST)	Wet Ice (WI) or Dry Ice (DI) or Ice Packs (IP)	Ice Present? Y/N	Loose (L) Bagged Ice (B) or NA	Comments
1							
2							
3							
4							
5							
6							

Number of Trip Blanks received NOT listed on chain of custody: 0

Paperwork Discrepancy/Unpacking Problems:

Unpacker Signature/Emp#: Cash 3647 Date/Time: 8/6/13 1103

Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

RL	Reporting Limit	BMQL	Below Minimum Quantitation Level
N.D.	none detected	MPN	Most Probable Number
TNTC	Too Numerous To Count	CP Units	cobalt-chloroplatinate units
IU	International Units	NTU	nephelometric turbidity units
umhos/cm	micromhos/cm	ng	nanogram(s)
C	degrees Celsius	F	degrees Fahrenheit
meq	milliequivalents	lb.	pound(s)
g	gram(s)	kg	kilogram(s)
µg	microgram(s)	mg	milligram(s)
mL	milliliter(s)	L	liter(s)
m³	cubic meter(s)	µL	microliter(s)
		pg/L	picogram/liter

< less than - The number following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably determined using this specific test.

> greater than

ppm parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

Data Qualifiers:

C – result confirmed by reanalysis.

J - estimated value – The result is \geq the Method Detection Limit (MDL) and $<$ the Limit of Quantitation (LOQ).

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers

- A** TIC is a possible aldol-condensation product
- B** Analyte was also detected in the blank
- C** Pesticide result confirmed by GC/MS
- D** Compound quantitated on a diluted sample
- E** Concentration exceeds the calibration range of the instrument
- N** Presumptive evidence of a compound (TICs only)
- P** Concentration difference between primary and confirmation columns $>25\%$
- U** Compound was not detected
- X,Y,Z** Defined in case narrative

Inorganic Qualifiers

- B** Value is $<$ CRDL, but \geq IDL
- E** Estimated due to interference
- M** Duplicate injection precision not met
- N** Spike sample not within control limits
- S** Method of standard additions (MSA) used for calculation
- U** Compound was not detected
- W** Post digestion spike out of control limits
- *** Duplicate analysis not within control limits
- +** Correlation coefficient for MSA <0.995

Analytical test results meet all requirements of NELAC unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

Times are local to the area of activity. Parameters listed in the 40 CFR part 136 Table II as “analyze immediately” are not performed within 15 minutes.

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ANALYTICAL RESULTS

Prepared by:

Eurofins Lancaster Laboratories Environmental
2425 New Holland Pike
Lancaster, PA 17601

Prepared for:

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

August 26, 2013

Project: Avery Dennison / Flowery Branch, GA

Submittal Date: 08/16/2013
Group Number: 1412025
PO Number: 1-0145-4
State of Sample Origin: GA

Client Sample Description

Knockout Grab Air
Exhaust Grab Air

Lancaster Labs (LL) #

7163784
7163785

The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Sample Analysis Record.

ELECTRONIC The Johnson Company, Inc.
COPY TO

Attn: Glen Kirkpatrick

Respectfully Submitted,



Wendy A. Kozma
Principal Specialist Group Leader

(717) 556-7257

Sample Description: Knockout Grab Air
SummaCan# 943
Avery Dennison / Flowery Branch, GA

LL Sample # AQ 7163784
LL Group # 1412025
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 08/14/2013 13:25 by NW

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

Submitted: 08/16/2013 09:40

Reported: 08/26/2013 16:09

CAT No.	Analysis Name	CAS Number	As Received Final Result	MDL	As Received Final Result	MDL	DF
Volatiles in Air		EPA TO-15	ppb(v)	ppb(v)	ug/m3	ug/m3	
05298	Acetone	67-64-1	21	1.3	50	3.0	2.5
05298	Benzene	71-43-2	N.D.	0.50	N.D.	1.6	2.5
05298	Bromobenzene	108-86-1	0.68 J	0.50	4.4 J	3.2	2.5
05298	Bromodichloromethane	75-27-4	N.D.	0.50	N.D.	3.4	2.5
05298	Bromoform	75-25-2	N.D.	0.50	N.D.	5.2	2.5
05298	Bromomethane	74-83-9	N.D.	0.50	N.D.	1.9	2.5
05298	1,3-Butadiene	106-99-0	N.D.	1.3	N.D.	2.8	2.5
05298	2-Butanone	78-93-3	4.8 J	1.3	14 J	3.7	2.5
05298	Carbon Disulfide	75-15-0	2.7	1.3	8.5	3.9	2.5
05298	Carbon Tetrachloride	56-23-5	N.D.	0.50	N.D.	3.1	2.5
05298	Chlorobenzene	108-90-7	N.D.	0.50	N.D.	2.3	2.5
05298	Chlorodifluoromethane	75-45-6	1.1 J	0.50	3.8 J	1.8	2.5
05298	Chloroethane	75-00-3	0.71 J	0.50	1.9 J	1.3	2.5
05298	Chloroform	67-66-3	N.D.	0.50	N.D.	2.4	2.5
05298	Chloromethane	74-87-3	0.98 J	0.50	2.0 J	1.0	2.5
05298	3-Chloropropene	107-05-1	N.D.	0.50	N.D.	1.6	2.5
05298	Cumene	98-82-8	N.D.	0.50	N.D.	2.5	2.5
05298	Dibromochloromethane	124-48-1	N.D.	0.50	N.D.	4.3	2.5
05298	1,2-Dibromoethane	106-93-4	N.D.	0.50	N.D.	3.8	2.5
05298	Dibromomethane	74-95-3	N.D.	0.50	N.D.	3.6	2.5
05298	1,2-Dichlorobenzene	95-50-1	2.1 J	0.50	13 J	3.0	2.5
05298	1,3-Dichlorobenzene	541-73-1	1.9 J	0.50	12 J	3.0	2.5
05298	1,4-Dichlorobenzene	106-46-7	2.0 J	0.50	12 J	3.0	2.5
05298	Dichlorodifluoromethane	75-71-8	0.72 J	0.50	3.6 J	2.5	2.5
05298	1,1-Dichloroethane	75-34-3	26	0.50	110	2.0	2.5
05298	1,2-Dichloroethane	107-06-2	1.0 J	0.50	4.1 J	2.0	2.5
05298	1,1-Dichloroethene	75-35-4	670	5.0	2,600	20	25
05298	cis-1,2-Dichloroethene	156-59-2	N.D.	0.50	N.D.	2.0	2.5
05298	trans-1,2-Dichloroethene	156-60-5	N.D.	0.50	N.D.	2.0	2.5
05298	Dichlorofluoromethane	75-43-4	N.D.	0.50	N.D.	2.1	2.5
05298	1,2-Dichloropropane	78-87-5	N.D.	0.50	N.D.	2.3	2.5
05298	cis-1,3-Dichloropropene	10061-01-5	N.D.	0.50	N.D.	2.3	2.5
05298	trans-1,3-Dichloropropene	10061-02-6	N.D.	0.50	N.D.	2.3	2.5
05298	Ethylbenzene	100-41-4	0.68 J	0.50	3.0 J	2.2	2.5
05298	4-Ethyltoluene	622-96-8	1.0 J	0.50	5.1 J	2.5	2.5
05298	Freon 113	76-13-1	N.D.	1.3	N.D.	9.6	2.5
05298	Freon 114	76-14-2	1.0 J	0.50	7.0 J	3.5	2.5
05298	Heptane	142-82-5	N.D.	0.50	N.D.	2.0	2.5
05298	Hexachloroethane	67-72-1	1.3 J	0.50	13 J	4.8	2.5
05298	Hexane	110-54-3	N.D.	0.50	N.D.	1.8	2.5
05298	2-Hexanone	591-78-6	1.4 J	1.3	5.8 J	5.1	2.5
05298	Isooctane	540-84-1	N.D.	0.50	N.D.	2.3	2.5
05298	Methyl t-Butyl Ether	1634-04-4	N.D.	0.50	N.D.	1.8	2.5
05298	4-Methyl-2-Pentanone	108-10-1	N.D.	1.3	N.D.	5.1	2.5
05298	Methylene Chloride	75-09-2	1.2 J	0.50	4.3 J	1.7	2.5
05298	Octane	111-65-9	N.D.	0.50	N.D.	2.3	2.5
05298	Pentane	109-66-0	0.65 J	0.50	1.9 J	1.5	2.5
05298	Styrene	100-42-5	0.74 J	0.50	3.2 J	2.1	2.5
05298	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	0.50	N.D.	3.4	2.5
05298	1,1,2,2-Tetrachloroethane	79-34-5	0.66 J	0.50	4.5 J	3.4	2.5
05298	Tetrachloroethene	127-18-4	0.95 J	0.50	6.5 J	3.4	2.5

Sample Description: Knockout Grab Air
SummaCan# 943
Avery Dennison / Flowery Branch, GA

LL Sample # AQ 7163784
LL Group # 1412025
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 08/14/2013 13:25 by NW The Johnson Company, Inc.
Suite 600
Submitted: 08/16/2013 09:40 100 State Street
Reported: 08/26/2013 16:09 Montpelier VT 05602

CAT No.	Analysis Name	CAS Number	As Received Final Result	MDL	As Received Final Result	MDL	DF
Volatiles in Air		EPA TO-15	ppb(v)	ppb(v)	ug/m3	ug/m3	
05298	Toluene	108-88-3	2.5 J	0.50	9.3 J	1.9	2.5
05298	1,1,1-Trichloroethane	71-55-6	140	5.0	760	27	25
05298	1,1,2-Trichloroethane	79-00-5	0.51 J	0.50	2.8 J	2.7	2.5
05298	Trichloroethene	79-01-6	0.65 J	0.50	3.5 J	2.7	2.5
05298	Trichlorofluoromethane	75-69-4	12	0.50	65	2.8	2.5
05298	1,2,3-Trichloropropane	96-18-4	0.58 J	0.50	3.5 J	3.0	2.5
05298	1,2,4-Trimethylbenzene	95-63-6	3.0	0.50	15	2.5	2.5
05298	1,3,5-Trimethylbenzene	108-67-8	1.1 J	0.50	5.5 J	2.5	2.5
05298	Vinyl Chloride	75-01-4	11	0.50	27	1.3	2.5
05298	m/p-Xylene	179601-23-1	2.1 J	0.50	9.3 J	2.2	2.5
05298	o-Xylene	95-47-6	1.3 J	0.50	5.7 J	2.2	2.5

MDL = Method Detection Limit

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/14

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
05298	TO 15 VOA Ext. List	EPA TO-15	1	C1323430AA	08/23/2013 06:08	Michael A Ziegler	2.5
05298	TO 15 VOA Ext. List	EPA TO-15	1	C1323530AA	08/24/2013 01:36	Jeffrey B Smith	25

Sample Description: Exhaust Grab Air
SummaCan# 1002
Avery Dennison / Flowery Branch, GA

LL Sample # AQ 7163785
LL Group # 1412025
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 08/14/2013 13:28 by NW
through 08/14/2013 13:53
Submitted: 08/16/2013 09:40
Reported: 08/26/2013 16:09

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

CAT No.	Analysis Name	CAS Number	As Received Final Result		MDL	As Received Final Result		MDL	DF
Volatiles in Air		EPA TO-15	ppb(v)		ppb(v)	ug/m3		ug/m3	
05298	Acetone	67-64-1	74		10	180	24		20
05298	Benzene	71-43-2	0.89	J	0.20	2.9	J	0.64	1
05298	Bromobenzene	108-86-1	0.41	J	0.20	2.6	J	1.3	1
05298	Bromodichloromethane	75-27-4	N.D.		0.20	N.D.		1.3	1
05298	Bromoform	75-25-2	N.D.		0.20	N.D.		2.1	1
05298	Bromomethane	74-83-9	N.D.		0.20	N.D.		0.78	1
05298	1,3-Butadiene	106-99-0	N.D.		0.50	N.D.		1.1	1
05298	2-Butanone	78-93-3	22		0.50	66		1.5	1
05298	Carbon Disulfide	75-15-0	1.5		0.50	4.7		1.6	1
05298	Carbon Tetrachloride	56-23-5	N.D.		0.20	N.D.		1.3	1
05298	Chlorobenzene	108-90-7	N.D.		0.20	N.D.		0.92	1
05298	Chlorodifluoromethane	75-45-6	N.D.		0.20	N.D.		0.71	1
05298	Chloroethane	75-00-3	0.47	J	0.20	1.2	J	0.53	1
05298	Chloroform	67-66-3	0.23	J	0.20	1.1	J	0.98	1
05298	Chloromethane	74-87-3	1.2		0.20	2.5		0.41	1
05298	3-Chloropropene	107-05-1	N.D.		0.20	N.D.		0.63	1
05298	Cumene	98-82-8	0.99	J	0.20	4.9	J	0.98	1
05298	Dibromochloromethane	124-48-1	N.D.		0.20	N.D.		1.7	1
05298	1,2-Dibromoethane	106-93-4	N.D.		0.20	N.D.		1.5	1
05298	Dibromomethane	74-95-3	N.D.		0.20	N.D.		1.4	1
05298	1,2-Dichlorobenzene	95-50-1	2.8		0.20	17		1.2	1
05298	1,3-Dichlorobenzene	541-73-1	2.0		0.20	12		1.2	1
05298	1,4-Dichlorobenzene	106-46-7	2.3		0.20	14		1.2	1
05298	Dichlorodifluoromethane	75-71-8	0.49	J	0.20	2.4	J	0.99	1
05298	1,1-Dichloroethane	75-34-3	12		0.20	47		0.81	1
05298	1,2-Dichloroethane	107-06-2	0.54	J	0.20	2.2	J	0.81	1
05298	1,1-Dichloroethene	75-35-4	350		4.0	1,400		16	20
05298	cis-1,2-Dichloroethene	156-59-2	N.D.		0.20	N.D.		0.79	1
05298	trans-1,2-Dichloroethene	156-60-5	N.D.		0.20	N.D.		0.79	1
05298	Dichlorofluoromethane	75-43-4	N.D.		0.20	N.D.		0.84	1
05298	1,2-Dichloropropane	78-87-5	0.51	J	0.20	2.4	J	0.92	1
05298	cis-1,3-Dichloropropene	10061-01-5	N.D.		0.20	N.D.		0.91	1
05298	trans-1,3-Dichloropropene	10061-02-6	N.D.		0.20	N.D.		0.91	1
05298	Ethylbenzene	100-41-4	4.7		0.20	20		0.87	1
05298	4-Ethyltoluene	622-96-8	10		0.20	51		0.98	1
05298	Freon 113	76-13-1	N.D.		0.50	N.D.		3.8	1
05298	Freon 114	76-14-2	0.38	J	0.20	2.7	J	1.4	1
05298	Heptane	142-82-5	1.2		0.20	4.7		0.82	1
05298	Hexachloroethane	67-72-1	N.D.		0.20	N.D.		1.9	1
05298	Hexane	110-54-3	2.1		0.20	7.5		0.70	1
05298	2-Hexanone	591-78-6	N.D.		0.50	N.D.		2.0	1
05298	Isooctane	540-84-1	0.39	J	0.20	1.8	J	0.93	1
05298	Methyl t-Butyl Ether	1634-04-4	N.D.		0.20	N.D.		0.72	1
05298	4-Methyl-2-Pentanone	108-10-1	N.D.		0.50	N.D.		2.0	1
05298	Methylene Chloride	75-09-2	15		0.20	52		0.69	1
05298	Octane	111-65-9	0.47	J	0.20	2.2	J	0.93	1
05298	Pentane	109-66-0	66		4.0	190		12	20
05298	Styrene	100-42-5	2.1		0.20	9.0		0.85	1
05298	1,1,1,2-Tetrachloroethane	630-20-6	N.D.		0.20	N.D.		1.4	1
05298	1,1,2,2-Tetrachloroethane	79-34-5	0.37	J	0.20	2.5	J	1.4	1
05298	Tetrachloroethene	127-18-4	1.7		0.20	12		1.4	1

Sample Description: Exhaust Grab Air
SummaCan# 1002
Avery Dennison / Flowery Branch, GA

LL Sample # AQ 7163785
LL Group # 1412025
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 08/14/2013 13:28 by NW
through 08/14/2013 13:53
Submitted: 08/16/2013 09:40
Reported: 08/26/2013 16:09

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

CAT No.	Analysis Name	CAS Number	As Received Final Result	MDL	As Received Final Result	MDL	DF
Volatiles in Air		EPA TO-15	ppb(v)	ppb(v)	ug/m3	ug/m3	
05298	Toluene	108-88-3	35	4.0	130	15	20
05298	1,1,1-Trichloroethane	71-55-6	54	0.20	300	1.1	1
05298	1,1,2-Trichloroethane	79-00-5	7.0	0.20	38	1.1	1
05298	Trichloroethene	79-01-6	1.6	0.20	8.6	1.1	1
05298	Trichlorofluoromethane	75-69-4	6.9	0.20	39	1.1	1
05298	1,2,3-Trichloropropane	96-18-4	0.77 J	0.20	4.6 J	1.2	1
05298	1,2,4-Trimethylbenzene	95-63-6	23	0.20	110	0.98	1
05298	1,3,5-Trimethylbenzene	108-67-8	16	0.20	77	0.98	1
05298	Vinyl Chloride	75-01-4	6.9	0.20	18	0.51	1
05298	m/p-Xylene	179601-23-1	28	0.20	120	0.87	1
05298	o-Xylene	95-47-6	22	0.20	94	0.87	1

MDL = Method Detection Limit

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/14

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
05298	TO 15 VOA Ext. List	EPA TO-15	1	C1323430AA	08/23/2013 06:55	Michael A Ziegler	1
05298	TO 15 VOA Ext. List	EPA TO-15	1	C1323530AA	08/24/2013 02:19	Jeffrey B Smith	20

Quality Control Summary

Client Name: The Johnson Company, Inc.
Reported: 08/26/13 at 04:09 PM

Group Number: 1412025

Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

All Inorganic Initial Calibration and Continuing Calibration Blanks met acceptable method criteria unless otherwise noted on the Analysis Report.

Laboratory Compliance Quality Control

<u>Analysis Name</u>	<u>Blank Result</u>	<u>Blank MDL</u>	<u>Report Units</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>LCS/LCSD Limits</u>	<u>RPD</u>	<u>RPD Max</u>
Batch number: C1323430AA	Sample number(s): 7163784-7163785							
Acetone	N.D.	0.50	ppb (v)	82	89	61-134	9	25
Benzene	N.D.	0.20	ppb (v)	78	81	70-130	3	25
Bromobenzene	N.D.	0.20	ppb (v)					
Bromodichloromethane	N.D.	0.20	ppb (v)	70	75	70-129	6	25
Bromoform	N.D.	0.20	ppb (v)	73	73	64-141	1	25
Bromomethane	N.D.	0.20	ppb (v)	89	93	70-130	4	25
1,3-Butadiene	N.D.	0.50	ppb (v)	98	104	66-129	6	25
2-Butanone	N.D.	0.50	ppb (v)	86	91	55-131	5	25
Carbon Disulfide	N.D.	0.50	ppb (v)	93	97	57-107	4	25
Carbon Tetrachloride	N.D.	0.20	ppb (v)	81	85	70-130	5	25
Chlorobenzene	N.D.	0.20	ppb (v)	77	80	70-130	3	25
Chlorodifluoromethane	N.D.	0.20	ppb (v)					
Chloroethane	N.D.	0.20	ppb (v)	89	94	70-131	5	25
Chloroform	N.D.	0.20	ppb (v)	74	77	70-130	4	25
Chloromethane	N.D.	0.20	ppb (v)	88	89	64-133	1	25
3-Chloropropene	N.D.	0.20	ppb (v)					
Cumene	N.D.	0.20	ppb (v)					
Dibromochloromethane	N.D.	0.20	ppb (v)	71	74	65-127	5	25
1,2-Dibromoethane	N.D.	0.20	ppb (v)	79	81	65-126	3	25
Dibromomethane	N.D.	0.20	ppb (v)					
1,2-Dichlorobenzene	N.D.	0.20	ppb (v)	69	68	62-132	2	25
1,3-Dichlorobenzene	N.D.	0.20	ppb (v)	69	67	63-125	2	25
1,4-Dichlorobenzene	N.D.	0.20	ppb (v)	66	65	63-127	2	25
Dichlorodifluoromethane	N.D.	0.20	ppb (v)	99	104	69-143	5	25
1,1-Dichloroethane	N.D.	0.20	ppb (v)	77	78	67-124	2	25
1,2-Dichloroethane	N.D.	0.20	ppb (v)	75	78	70-130	3	25
cis-1,2-Dichloroethene	N.D.	0.20	ppb (v)	78	82	65-121	5	25
trans-1,2-Dichloroethene	N.D.	0.20	ppb (v)	85	91	66-121	8	25
Dichlorofluoromethane	N.D.	0.20	ppb (v)					
1,2-Dichloropropane	N.D.	0.20	ppb (v)	75	79	70-130	5	25
cis-1,3-Dichloropropene	N.D.	0.20	ppb (v)	94	98	64-125	4	25
trans-1,3-Dichloropropene	N.D.	0.20	ppb (v)	76	79	61-126	3	25
Ethylbenzene	N.D.	0.20	ppb (v)	79	82	70-130	3	25
4-Ethyltoluene	N.D.	0.20	ppb (v)	78	76	59-126	3	25
Freon 113	N.D.	0.50	ppb (v)	82	89	63-114	8	25
Freon 114	N.D.	0.20	ppb (v)	90	94	63-123	5	25
Heptane	N.D.	0.20	ppb (v)	83	87	65-119	5	25
Hexachloroethane	N.D.	0.20	ppb (v)					
Hexane	N.D.	0.20	ppb (v)	90	95	63-117	5	25
2-Hexanone	N.D.	0.50	ppb (v)	120	121	41-152	1	25
Isooctane	N.D.	0.20	ppb (v)					
Methyl t-Butyl Ether	N.D.	0.20	ppb (v)	82	87	60-121	7	25
4-Methyl-2-Pentanone	N.D.	0.50	ppb (v)	115	116	53-140	1	25

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: The Johnson Company, Inc.
Reported: 08/26/13 at 04:09 PM

Group Number: 1412025

<u>Analysis Name</u>	<u>Blank Result</u>	<u>Blank MDL</u>	<u>Report Units</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>LCS/LCSD Limits</u>	<u>RPD</u>	<u>RPD Max</u>
Methylene Chloride	N.D.	0.20	ppb (v)	87	92	70-130	6	25
Octane	N.D.	0.20	ppb (v)					
Pentane	N.D.	0.20	ppb (v)					
Styrene	N.D.	0.20	ppb (v)	85	86	64-130	1	25
1,1,1,2-Tetrachloroethane	N.D.	0.20	ppb (v)					
1,1,2,2-Tetrachloroethane	N.D.	0.20	ppb (v)	71	71	58-133	0	25
Tetrachloroethene	N.D.	0.20	ppb (v)	72	72	70-130	0	25
Toluene	N.D.	0.20	ppb (v)	83	86	70-130	4	25
1,1,1-Trichloroethane	N.D.	0.20	ppb (v)	78	81	70-130	4	25
1,1,2-Trichloroethane	N.D.	0.20	ppb (v)	74	76	65-125	2	25
Trichloroethene	N.D.	0.20	ppb (v)	79	82	70-130	4	25
Trichlorofluoromethane	N.D.	0.20	ppb (v)	89	94	70-130	6	25
1,2,3-Trichloropropane	N.D.	0.20	ppb (v)					
1,2,4-Trimethylbenzene	N.D.	0.20	ppb (v)	72	71	60-128	2	25
1,3,5-Trimethylbenzene	N.D.	0.20	ppb (v)	80	79	61-132	1	25
Vinyl Chloride	N.D.	0.20	ppb (v)	96	100	70-130	4	25
m/p-Xylene	N.D.	0.20	ppb (v)	83	85	70-130	3	25
o-Xylene	N.D.	0.20	ppb (v)	85	86	70-130	1	25
Batch number: C1323530AA	Sample number(s): 7163784-7163785							
Acetone	N.D.	0.50	ppb (v)	86	84	61-134	2	25
1,1-Dichloroethene	N.D.	0.20	ppb (v)	84	87	64-119	4	25
Pentane	N.D.	0.20	ppb (v)					
Toluene	N.D.	0.20	ppb (v)	81	81	70-130	0	25
1,1,1-Trichloroethane	N.D.	0.20	ppb (v)	75	80	70-130	6	25

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The unspiked result was more than four times the spike added.

Summa Canister Field Test Data/Chain of Custody



Lancaster Laboratories

Acct. # 6556 Group # 1412025 For Eurofins Lancaster Laboratories use only Sample # 7163784-85 Bottle Order (SCR) # _____
Instructions on reverse side correspond with circled numbers.

1 Client Information Client: <u>Johnson Company</u> Project Name/#: <u>Floway Branch MPE</u> Project Manager: <u>Glen Kirkpatrick</u> Sampler: <u>Nathan Williams</u> Name of state where samples were collected: <u>GA</u>	3 Turnaround Time Requested (TAT) (circle one) Standard <input checked="" type="radio"/> Rush (specify) _____	6 Analyses Requested EPA TO - 15 <input checked="" type="checkbox"/> EPA 18 <input type="checkbox"/> BTEX <input type="checkbox"/> MTBE EPA 25 (select range below) Helium as tracer O2/CO2 Library Search
Account #: _____ P.O. #: _____ Quote #: _____	4 Data Package Required? Yes <input type="checkbox"/> No <input type="checkbox"/>	5 EDD Required? Yes <input type="checkbox"/> No <input type="checkbox"/>
	Temperature (F) Start Stop Start Stop Ambient _____ Maximum _____ Minimum _____	Pressure ("Hg) Start Stop Start Stop

Sample Identification	Start Date/Time (24-hour clock)	Stop Date/Time (24-hour clock)	Canister Pressure in Field ("Hg) (Start)	Canister Pressure in Field ("Hg) (Stop)	Interior Temp. (F) (Start)	Interior Temp. (F) (Stop)	Flow Reg. ID	Can ID	Can Size (L)	Controller Flowrate (mL/min)	EPA TO - 15	EPA 18	EPA 25 (select range below)	Helium as tracer	O2/CO2	Library Search
<u>Knockout</u>	<u>13:25</u>							<u>943</u>	<u>1</u>		<input checked="" type="checkbox"/>					
<u>Exhaust</u>	<u>13:28</u>	<u>13:53</u>	<u>-24inHg</u>	<u>-6inHg</u>			<u>342357</u>	<u>1002</u>	<u>1</u>		<input checked="" type="checkbox"/>					

7 Instructions/QC Requirements & Comments	EPA 25 (check one) <input type="checkbox"/> C1 - C4 <input type="checkbox"/> C2 - C10 <input type="checkbox"/> C1 - C10 <input type="checkbox"/> C4 - C10 (GRO) <input type="checkbox"/> C2 - C4
--	--

Canisters Shipped by:	Date/Time:	Canisters Received by:	Date/Time:	Relinquished by:	Date/Time:	Received by:	Date/Time:	8
		<u>AKL</u>	<u>8/14/13 3:00</u>					
Relinquished by:	Date/Time:	Received by:	Date/Time:	Relinquished by:	Date/Time:	Received by:	Date/Time:	
<u>[Signature]</u>	<u>8/14/13</u>	<u>UB</u>	<u>8/14/13</u>					
Relinquished by:	Date/Time:	Received by:	Date/Time:	Relinquished by:	Date/Time:	Received by:	Date/Time:	
						<u>Nancy H. Hood</u>	<u>8-16-13</u>	<u>094</u>

Environmental Sample Administration
Receipt Documentation Log

1412025

Client/Project: Johnson Company
 Date of Receipt: 8-16-13
 Time of Receipt: 0940
 Source Code: 60

Shipping Container Sealed: YES NO

Custody Seal Present * : YES NO

* Custody seal was intact unless otherwise noted in the discrepancy section

Package: Chilled Not Chilled

Temperature of Shipping Containers

Cooler #	Thermometer ID	Temperature (°C)	Temp Bottle (TB) or Surface Temp (ST)	Wet Ice (WI) or Dry Ice (DI) or Ice Packs (IP)	Ice Present? Y/N	Loose (L) Bagged Ice (B) or NA	Comments
1							
2							
3							
4							
5							
6							

Number of Trip Blanks received NOT listed on chain of custody: _____

Paperwork Discrepancy/Unpacking Problems:

4 Flow Controllers
252178
336746
234839
342357

Unpacker Signature/Emp#: Nancy H. Hess Date/Time: 8-16-13 1100

Issued by Dept. 6042 Management

Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

RL	Reporting Limit	BMQL	Below Minimum Quantitation Level
N.D.	none detected	MPN	Most Probable Number
TNTC	Too Numerous To Count	CP Units	cobalt-chloroplatinate units
IU	International Units	NTU	nephelometric turbidity units
umhos/cm	micromhos/cm	ng	nanogram(s)
C	degrees Celsius	F	degrees Fahrenheit
meq	milliequivalents	lb.	pound(s)
g	gram(s)	kg	kilogram(s)
µg	microgram(s)	mg	milligram(s)
mL	milliliter(s)	L	liter(s)
m³	cubic meter(s)	µL	microliter(s)
		pg/L	picogram/liter

< less than - The number following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably determined using this specific test.

> greater than

ppm parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

Data Qualifiers:

C – result confirmed by reanalysis.

J - estimated value – The result is \geq the Method Detection Limit (MDL) and $<$ the Limit of Quantitation (LOQ).

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers

- A** TIC is a possible aldol-condensation product
- B** Analyte was also detected in the blank
- C** Pesticide result confirmed by GC/MS
- D** Compound quantitated on a diluted sample
- E** Concentration exceeds the calibration range of the instrument
- N** Presumptive evidence of a compound (TICs only)
- P** Concentration difference between primary and confirmation columns $>25\%$
- U** Compound was not detected
- X,Y,Z** Defined in case narrative

Inorganic Qualifiers

- B** Value is $<$ CRDL, but \geq IDL
- E** Estimated due to interference
- M** Duplicate injection precision not met
- N** Spike sample not within control limits
- S** Method of standard additions (MSA) used for calculation
- U** Compound was not detected
- W** Post digestion spike out of control limits
- *** Duplicate analysis not within control limits
- +** Correlation coefficient for MSA <0.995

Analytical test results meet all requirements of NELAC unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

Times are local to the area of activity. Parameters listed in the 40 CFR part 136 Table II as “analyze immediately” are not performed within 15 minutes.

WARRANTY AND LIMITS OF LIABILITY - In accepting analytical work, we warrant the accuracy of test results for the sample as submitted. THE FOREGOING EXPRESS WARRANTY IS EXCLUSIVE AND IS GIVEN IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED. WE DISCLAIM ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING A WARRANTY OF FITNESS FOR PARTICULAR PURPOSE AND WARRANTY OF MERCHANTABILITY. IN NO EVENT SHALL EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL, LLC BE LIABLE FOR INDIRECT, SPECIAL, CONSEQUENTIAL, OR INCIDENTAL DAMAGES INCLUDING, BUT NOT LIMITED TO, DAMAGES FOR LOSS OF PROFIT OR GOODWILL REGARDLESS OF (A) THE NEGLIGENCE (EITHER SOLE OR CONCURRENT) OF EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL AND (B) WHETHER EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL HAS BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES. We accept no legal responsibility for the purposes for which the client uses the test results. No purchase order or other order for work shall be accepted by Eurofins Lancaster Laboratories Environmental which includes any conditions that vary from the Standard Terms and Conditions, and Eurofins Lancaster Laboratories Environmental hereby objects to any conflicting terms contained in any acceptance or order submitted by client.

ANALYTICAL RESULTS

Prepared by:

Eurofins Lancaster Laboratories Environmental
2425 New Holland Pike
Lancaster, PA 17601

Prepared for:

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

September 27, 2013

Project: Avery Dennison / Flowery Branch, GA

Submittal Date: 09/24/2013
Group Number: 1421013
PO Number: 1-0145-4
State of Sample Origin: GA

Client Sample Description

MW 65S Air
VW 5 Air
MW 64 Air
SVE 1 Air
SVE Stack Air

Lancaster Labs (LL) #

7209114
7209115
7209116
7209117
7209118

The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Sample Analysis Record.

ELECTRONIC The Johnson Company, Inc.
COPY TO

Attn: Glen Kirkpatrick

Respectfully Submitted,



Wendy A. Kozma
Principal Specialist Group Leader

(717) 556-7257

Sample Description: MW 65S Air
SummaCan# 156
Avery Dennison / Flowery Branch, GA

LL Sample # AQ 7209114
LL Group # 1421013
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 09/18/2013 10:07 by CP

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

Submitted: 09/24/2013 09:15

Reported: 09/27/2013 16:15

CAT No.	Analysis Name	CAS Number	As Received Final Result	MDL	As Received Final Result	MDL	DF
Volatiles in Air		EPA TO-15	ppb(v)	ppb(v)	ug/m3	ug/m3	
05298	Acetone	67-64-1	5,900	500	14,000	1,200	1000
05298	Benzene	71-43-2	N.D.	4.0	N.D.	13	20
05298	Bromobenzene	108-86-1	N.D.	4.0	N.D.	26	20
05298	Bromodichloromethane	75-27-4	N.D.	4.0	N.D.	27	20
05298	Bromoform	75-25-2	N.D.	4.0	N.D.	41	20
05298	Bromomethane	74-83-9	N.D.	4.0	N.D.	16	20
05298	1,3-Butadiene	106-99-0	N.D.	10	N.D.	22	20
05298	2-Butanone	78-93-3	4,900	500	15,000	1,500	1000
05298	Carbon Disulfide	75-15-0	N.D.	10	N.D.	31	20
05298	Carbon Tetrachloride	56-23-5	N.D.	4.0	N.D.	25	20
05298	Chlorobenzene	108-90-7	N.D.	4.0	N.D.	18	20
05298	Chlorodifluoromethane	75-45-6	N.D.	4.0	N.D.	14	20
05298	Chloroethane	75-00-3	N.D.	4.0	N.D.	11	20
05298	Chloroform	67-66-3	N.D.	4.0	N.D.	20	20
05298	Chloromethane	74-87-3	N.D.	4.0	N.D.	8.3	20
05298	3-Chloropropene	107-05-1	N.D.	4.0	N.D.	13	20
05298	Cumene	98-82-8	N.D.	4.0	N.D.	20	20
05298	Dibromochloromethane	124-48-1	N.D.	4.0	N.D.	34	20
05298	1,2-Dibromoethane	106-93-4	N.D.	4.0	N.D.	31	20
05298	Dibromomethane	74-95-3	N.D.	4.0	N.D.	28	20
05298	1,2-Dichlorobenzene	95-50-1	N.D.	4.0	N.D.	24	20
05298	1,3-Dichlorobenzene	541-73-1	N.D.	4.0	N.D.	24	20
05298	1,4-Dichlorobenzene	106-46-7	N.D.	4.0	N.D.	24	20
05298	Dichlorodifluoromethane	75-71-8	N.D.	4.0	N.D.	20	20
05298	1,1-Dichloroethane	75-34-3	440	4.0	1,800	16	20
05298	1,2-Dichloroethane	107-06-2	29	4.0	120	16	20
05298	1,1-Dichloroethene	75-35-4	26,000	200	100,000	790	1000
05298	cis-1,2-Dichloroethene	156-59-2	N.D.	4.0	N.D.	16	20
05298	trans-1,2-Dichloroethene	156-60-5	N.D.	4.0	N.D.	16	20
05298	Dichlorofluoromethane	75-43-4	N.D.	4.0	N.D.	17	20
05298	1,2-Dichloropropane	78-87-5	N.D.	4.0	N.D.	18	20
05298	cis-1,3-Dichloropropene	10061-01-5	N.D.	4.0	N.D.	18	20
05298	trans-1,3-Dichloropropene	10061-02-6	N.D.	4.0	N.D.	18	20
05298	Ethylbenzene	100-41-4	N.D.	4.0	N.D.	17	20
05298	4-Ethyltoluene	622-96-8	N.D.	4.0	N.D.	20	20
05298	Freon 113	76-13-1	N.D.	10	N.D.	77	20
05298	Freon 114	76-14-2	N.D.	4.0	N.D.	28	20
05298	Heptane	142-82-5	N.D.	4.0	N.D.	16	20
05298	Hexachloroethane	67-72-1	N.D.	4.0	N.D.	39	20
05298	Hexane	110-54-3	N.D.	4.0	N.D.	14	20
05298	2-Hexanone	591-78-6	N.D.	10	N.D.	41	20
05298	Isooctane	540-84-1	N.D.	4.0	N.D.	19	20
05298	Methyl t-Butyl Ether	1634-04-4	N.D.	4.0	N.D.	14	20
05298	4-Methyl-2-Pentanone	108-10-1	N.D.	10	N.D.	41	20
05298	Methylene Chloride	75-09-2	5.8 J	4.0	20 J	14	20
05298	Octane	111-65-9	N.D.	4.0	N.D.	19	20
05298	Pentane	109-66-0	N.D.	4.0	N.D.	12	20
05298	Styrene	100-42-5	N.D.	4.0	N.D.	17	20
05298	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	4.0	N.D.	27	20
05298	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	4.0	N.D.	27	20
05298	Tetrachloroethene	127-18-4	N.D.	4.0	N.D.	27	20

Sample Description: MW 65S Air
SummaCan# 156
Avery Dennison / Flowery Branch, GA

LL Sample # AQ 7209114
LL Group # 1421013
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 09/18/2013 10:07 by CP The Johnson Company, Inc.
Suite 600
Submitted: 09/24/2013 09:15 100 State Street
Reported: 09/27/2013 16:15 Montpelier VT 05602

CAT No.	Analysis Name	CAS Number	As Received Final Result	MDL	As Received Final Result	MDL	DF
Volatiles in Air		EPA TO-15	ppb(v)	ppb(v)	ug/m3	ug/m3	
05298	Toluene	108-88-3	N.D.	4.0	N.D.	15	20
05298	1,1,1-Trichloroethane	71-55-6	1,200	4.0	6,300	22	20
05298	1,1,2-Trichloroethane	79-00-5	6.8 J	4.0	37 J	22	20
05298	Trichloroethene	79-01-6	13 J	4.0	69 J	21	20
05298	Trichlorofluoromethane	75-69-4	4.4 J	4.0	25 J	22	20
05298	1,2,3-Trichloropropane	96-18-4	N.D.	4.0	N.D.	24	20
05298	1,2,4-Trimethylbenzene	95-63-6	N.D.	4.0	N.D.	20	20
05298	1,3,5-Trimethylbenzene	108-67-8	N.D.	4.0	N.D.	20	20
05298	Vinyl Chloride	75-01-4	34	4.0	86	10	20
05298	m/p-Xylene	179601-23-1	N.D.	4.0	N.D.	17	20
05298	o-Xylene	95-47-6	N.D.	4.0	N.D.	17	20

Reporting limits were raised due to interference from the sample matrix.

MDL = Method Detection Limit

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/14

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
05298	TO 15 VOA Ext. List	EPA TO-15	1	D1326830AB	09/26/2013 23:39	Michael A Ziegler	20
05298	TO 15 VOA Ext. List	EPA TO-15	1	D1326830AB	09/27/2013 10:42	Michael A Ziegler	1000

Sample Description: VW 5 Air
SummaCan# 021
Avery Dennison / Flowery Branch, GA

LL Sample # AQ 7209115
LL Group # 1421013
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 09/18/2013 10:08 by CP

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

Submitted: 09/24/2013 09:15

Reported: 09/27/2013 16:15

CAT No.	Analysis Name	CAS Number	As Received Final Result	MDL	As Received Final Result	MDL	DF
Volatiles in Air		EPA TO-15	ppb(v)	ppb(v)	ug/m3	ug/m3	
05298	Acetone	67-64-1	13,000	1,000	30,000	2,400	2000
05298	Benzene	71-43-2	N.D.	4.0	N.D.	13	20
05298	Bromobenzene	108-86-1	N.D.	4.0	N.D.	26	20
05298	Bromodichloromethane	75-27-4	N.D.	4.0	N.D.	27	20
05298	Bromoform	75-25-2	N.D.	4.0	N.D.	41	20
05298	Bromomethane	74-83-9	N.D.	4.0	N.D.	16	20
05298	1,3-Butadiene	106-99-0	N.D.	10	N.D.	22	20
05298	2-Butanone	78-93-3	12,000	1,000	35,000	2,900	2000
05298	Carbon Disulfide	75-15-0	N.D.	10	N.D.	31	20
05298	Carbon Tetrachloride	56-23-5	N.D.	4.0	N.D.	25	20
05298	Chlorobenzene	108-90-7	N.D.	4.0	N.D.	18	20
05298	Chlorodifluoromethane	75-45-6	N.D.	4.0	N.D.	14	20
05298	Chloroethane	75-00-3	N.D.	4.0	N.D.	11	20
05298	Chloroform	67-66-3	N.D.	4.0	N.D.	20	20
05298	Chloromethane	74-87-3	N.D.	4.0	N.D.	8.3	20
05298	3-Chloropropene	107-05-1	N.D.	4.0	N.D.	13	20
05298	Cumene	98-82-8	N.D.	4.0	N.D.	20	20
05298	Dibromochloromethane	124-48-1	N.D.	4.0	N.D.	34	20
05298	1,2-Dibromoethane	106-93-4	N.D.	4.0	N.D.	31	20
05298	Dibromomethane	74-95-3	N.D.	4.0	N.D.	28	20
05298	1,2-Dichlorobenzene	95-50-1	N.D.	4.0	N.D.	24	20
05298	1,3-Dichlorobenzene	541-73-1	N.D.	4.0	N.D.	24	20
05298	1,4-Dichlorobenzene	106-46-7	N.D.	4.0	N.D.	24	20
05298	Dichlorodifluoromethane	75-71-8	N.D.	4.0	N.D.	20	20
05298	1,1-Dichloroethane	75-34-3	180	4.0	730	16	20
05298	1,2-Dichloroethane	107-06-2	28	4.0	110	16	20
05298	1,1-Dichloroethene	75-35-4	1,300	4.0	5,300	16	20
05298	cis-1,2-Dichloroethene	156-59-2	N.D.	4.0	N.D.	16	20
05298	trans-1,2-Dichloroethene	156-60-5	N.D.	4.0	N.D.	16	20
05298	Dichlorofluoromethane	75-43-4	N.D.	4.0	N.D.	17	20
05298	1,2-Dichloropropane	78-87-5	N.D.	4.0	N.D.	18	20
05298	cis-1,3-Dichloropropene	10061-01-5	N.D.	4.0	N.D.	18	20
05298	trans-1,3-Dichloropropene	10061-02-6	N.D.	4.0	N.D.	18	20
05298	Ethylbenzene	100-41-4	N.D.	4.0	N.D.	17	20
05298	4-Ethyltoluene	622-96-8	N.D.	4.0	N.D.	20	20
05298	Freon 113	76-13-1	N.D.	10	N.D.	77	20
05298	Freon 114	76-14-2	N.D.	4.0	N.D.	28	20
05298	Heptane	142-82-5	N.D.	4.0	N.D.	16	20
05298	Hexachloroethane	67-72-1	N.D.	4.0	N.D.	39	20
05298	Hexane	110-54-3	N.D.	4.0	N.D.	14	20
05298	2-Hexanone	591-78-6	N.D.	10	N.D.	41	20
05298	Isooctane	540-84-1	N.D.	4.0	N.D.	19	20
05298	Methyl t-Butyl Ether	1634-04-4	N.D.	4.0	N.D.	14	20
05298	4-Methyl-2-Pentanone	108-10-1	N.D.	10	N.D.	41	20
05298	Methylene Chloride	75-09-2	7.1 J	4.0	25 J	14	20
05298	Octane	111-65-9	N.D.	4.0	N.D.	19	20
05298	Pentane	109-66-0	N.D.	4.0	N.D.	12	20
05298	Styrene	100-42-5	N.D.	4.0	N.D.	17	20
05298	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	4.0	N.D.	27	20
05298	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	4.0	N.D.	27	20
05298	Tetrachloroethene	127-18-4	N.D.	4.0	N.D.	27	20

Sample Description: VW 5 Air
SummaCan# 021
Avery Dennison / Flowery Branch, GA

LL Sample # AQ 7209115
LL Group # 1421013
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 09/18/2013 10:08 by CP

The Johnson Company, Inc.

Suite 600

Submitted: 09/24/2013 09:15

100 State Street

Reported: 09/27/2013 16:15

Montpelier VT 05602

CAT No.	Analysis Name	CAS Number	As Received Final Result	MDL	As Received Final Result	MDL	DF
Volatiles in Air		EPA TO-15	ppb(v)	ppb(v)	ug/m3	ug/m3	
05298	Toluene	108-88-3	12 J	4.0	46 J	15	20
05298	1,1,1-Trichloroethane	71-55-6	370	4.0	2,000	22	20
05298	1,1,2-Trichloroethane	79-00-5	9.1 J	4.0	50 J	22	20
05298	Trichloroethene	79-01-6	5.8 J	4.0	31 J	21	20
05298	Trichlorofluoromethane	75-69-4	4.2 J	4.0	24 J	22	20
05298	1,2,3-Trichloropropane	96-18-4	N.D.	4.0	N.D.	24	20
05298	1,2,4-Trimethylbenzene	95-63-6	N.D.	4.0	N.D.	20	20
05298	1,3,5-Trimethylbenzene	108-67-8	N.D.	4.0	N.D.	20	20
05298	Vinyl Chloride	75-01-4	N.D.	4.0	N.D.	10	20
05298	m/p-Xylene	179601-23-1	N.D.	4.0	N.D.	17	20
05298	o-Xylene	95-47-6	N.D.	4.0	N.D.	17	20

Reporting limits were raised due to interference from the sample matrix.

MDL = Method Detection Limit

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/14

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
05298	TO 15 VOA Ext. List	EPA TO-15	1	D1326830AB	09/27/2013 00:22	Michael A Ziegler	20
05298	TO 15 VOA Ext. List	EPA TO-15	1	D1326830AB	09/27/2013 11:25	Michael A Ziegler	2000

Sample Description: MW 64 Air
SummaCan# 1131
Avery Dennison / Flowery Branch, GA

LL Sample # AQ 7209116
LL Group # 1421013
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 09/18/2013 10:10 by CP

The Johnson Company, Inc.

Suite 600

Submitted: 09/24/2013 09:15

100 State Street

Reported: 09/27/2013 16:15

Montpelier VT 05602

CAT No.	Analysis Name	CAS Number	As Received Final Result	MDL	As Received Final Result	MDL	DF
Volatiles in Air		EPA TO-15	ppb(v)	ppb(v)	ug/m3	ug/m3	
05298	Acetone	67-64-1	2,500	250	6,000	590	500
05298	Benzene	71-43-2	N.D.	2.0	N.D.	6.4	10
05298	Bromobenzene	108-86-1	N.D.	2.0	N.D.	13	10
05298	Bromodichloromethane	75-27-4	N.D.	2.0	N.D.	13	10
05298	Bromoform	75-25-2	N.D.	2.0	N.D.	21	10
05298	Bromomethane	74-83-9	N.D.	2.0	N.D.	7.8	10
05298	1,3-Butadiene	106-99-0	N.D.	5.0	N.D.	11	10
05298	2-Butanone	78-93-3	1,900	250	5,500	740	500
05298	Carbon Disulfide	75-15-0	N.D.	5.0	N.D.	16	10
05298	Carbon Tetrachloride	56-23-5	N.D.	2.0	N.D.	13	10
05298	Chlorobenzene	108-90-7	N.D.	2.0	N.D.	9.2	10
05298	Chlorodifluoromethane	75-45-6	N.D.	2.0	N.D.	7.1	10
05298	Chloroethane	75-00-3	N.D.	2.0	N.D.	5.3	10
05298	Chloroform	67-66-3	N.D.	2.0	N.D.	9.8	10
05298	Chloromethane	74-87-3	N.D.	2.0	N.D.	4.1	10
05298	3-Chloropropene	107-05-1	N.D.	2.0	N.D.	6.3	10
05298	Cumene	98-82-8	N.D.	2.0	N.D.	9.8	10
05298	Dibromochloromethane	124-48-1	N.D.	2.0	N.D.	17	10
05298	1,2-Dibromoethane	106-93-4	N.D.	2.0	N.D.	15	10
05298	Dibromomethane	74-95-3	N.D.	2.0	N.D.	14	10
05298	1,2-Dichlorobenzene	95-50-1	N.D.	2.0	N.D.	12	10
05298	1,3-Dichlorobenzene	541-73-1	N.D.	2.0	N.D.	12	10
05298	1,4-Dichlorobenzene	106-46-7	N.D.	2.0	N.D.	12	10
05298	Dichlorodifluoromethane	75-71-8	N.D.	2.0	N.D.	9.9	10
05298	1,1-Dichloroethane	75-34-3	70	2.0	280	8.1	10
05298	1,2-Dichloroethane	107-06-2	N.D.	2.0	N.D.	8.1	10
05298	1,1-Dichloroethene	75-35-4	1,200	100	4,900	400	500
05298	cis-1,2-Dichloroethene	156-59-2	N.D.	2.0	N.D.	7.9	10
05298	trans-1,2-Dichloroethene	156-60-5	N.D.	2.0	N.D.	7.9	10
05298	Dichlorofluoromethane	75-43-4	N.D.	2.0	N.D.	8.4	10
05298	1,2-Dichloropropane	78-87-5	N.D.	2.0	N.D.	9.2	10
05298	cis-1,3-Dichloropropene	10061-01-5	N.D.	2.0	N.D.	9.1	10
05298	trans-1,3-Dichloropropene	10061-02-6	N.D.	2.0	N.D.	9.1	10
05298	Ethylbenzene	100-41-4	N.D.	2.0	N.D.	8.7	10
05298	4-Ethyltoluene	622-96-8	N.D.	2.0	N.D.	9.8	10
05298	Freon 113	76-13-1	N.D.	5.0	N.D.	38	10
05298	Freon 114	76-14-2	N.D.	2.0	N.D.	14	10
05298	Heptane	142-82-5	N.D.	2.0	N.D.	8.2	10
05298	Hexachloroethane	67-72-1	N.D.	2.0	N.D.	19	10
05298	Hexane	110-54-3	N.D.	2.0	N.D.	7.0	10
05298	2-Hexanone	591-78-6	N.D.	5.0	N.D.	20	10
05298	Isooctane	540-84-1	N.D.	2.0	N.D.	9.3	10
05298	Methyl t-Butyl Ether	1634-04-4	N.D.	2.0	N.D.	7.2	10
05298	4-Methyl-2-Pentanone	108-10-1	N.D.	5.0	N.D.	20	10
05298	Methylene Chloride	75-09-2	2.3 J	2.0	8.0 J	6.9	10
05298	Octane	111-65-9	N.D.	2.0	N.D.	9.3	10
05298	Pentane	109-66-0	N.D.	2.0	N.D.	5.9	10
05298	Styrene	100-42-5	N.D.	2.0	N.D.	8.5	10
05298	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	2.0	N.D.	14	10
05298	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	2.0	N.D.	14	10
05298	Tetrachloroethene	127-18-4	N.D.	2.0	N.D.	14	10

Sample Description: MW 64 Air
SummaCan# 1131
Avery Dennison / Flowery Branch, GA

LL Sample # AQ 7209116
LL Group # 1421013
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 09/18/2013 10:10 by CP

The Johnson Company, Inc.

Suite 600

Submitted: 09/24/2013 09:15

100 State Street

Reported: 09/27/2013 16:15

Montpelier VT 05602

CAT No.	Analysis Name	CAS Number	As Received Final Result	MDL	As Received Final Result	MDL	DF
Volatiles in Air		EPA TO-15	ppb(v)	ppb(v)	ug/m3	ug/m3	
05298	Toluene	108-88-3	N.D.	2.0	N.D.	7.5	10
05298	1,1,1-Trichloroethane	71-55-6	220	2.0	1,200	11	10
05298	1,1,2-Trichloroethane	79-00-5	N.D.	2.0	N.D.	11	10
05298	Trichloroethene	79-01-6	2.1 J	2.0	11 J	11	10
05298	Trichlorofluoromethane	75-69-4	4.2 J	2.0	23 J	11	10
05298	1,2,3-Trichloropropane	96-18-4	N.D.	2.0	N.D.	12	10
05298	1,2,4-Trimethylbenzene	95-63-6	N.D.	2.0	N.D.	9.8	10
05298	1,3,5-Trimethylbenzene	108-67-8	N.D.	2.0	N.D.	9.8	10
05298	Vinyl Chloride	75-01-4	N.D.	2.0	N.D.	5.1	10
05298	m/p-Xylene	179601-23-1	N.D.	2.0	N.D.	8.7	10
05298	o-Xylene	95-47-6	N.D.	2.0	N.D.	8.7	10

Reporting limits were raised due to interference from the sample matrix.

MDL = Method Detection Limit

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/14

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
05298	TO 15 VOA Ext. List	EPA TO-15	1	D1326830AB	09/27/2013 01:05	Michael A Ziegler	10
05298	TO 15 VOA Ext. List	EPA TO-15	1	D1326830AB	09/27/2013 12:09	Michael A Ziegler	500

Sample Description: SVE 1 Air
SummaCan# 811
Avery Dennison / Flowery Branch, GA

LL Sample # AQ 7209117
LL Group # 1421013
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 09/18/2013 10:13 by CP

The Johnson Company, Inc.

Suite 600

Submitted: 09/24/2013 09:15

100 State Street

Reported: 09/27/2013 16:15

Montpelier VT 05602

CAT No.	Analysis Name	CAS Number	As Received Final Result	MDL	As Received Final Result	MDL	DF
Volatiles in Air			ppb(v)	ppb(v)	ug/m3	ug/m3	
EPA TO-15							
05298	Acetone	67-64-1	2,600	250	6,200	590	500
05298	Benzene	71-43-2	N.D.	2.0	N.D.	6.4	10
05298	Bromobenzene	108-86-1	N.D.	2.0	N.D.	13	10
05298	Bromodichloromethane	75-27-4	N.D.	2.0	N.D.	13	10
05298	Bromoform	75-25-2	N.D.	2.0	N.D.	21	10
05298	Bromomethane	74-83-9	N.D.	2.0	N.D.	7.8	10
05298	1,3-Butadiene	106-99-0	N.D.	5.0	N.D.	11	10
05298	2-Butanone	78-93-3	1,500	250	4,500	740	500
05298	Carbon Disulfide	75-15-0	N.D.	5.0	N.D.	16	10
05298	Carbon Tetrachloride	56-23-5	N.D.	2.0	N.D.	13	10
05298	Chlorobenzene	108-90-7	N.D.	2.0	N.D.	9.2	10
05298	Chlorodifluoromethane	75-45-6	N.D.	2.0	N.D.	7.1	10
05298	Chloroethane	75-00-3	N.D.	2.0	N.D.	5.3	10
05298	Chloroform	67-66-3	N.D.	2.0	N.D.	9.8	10
05298	Chloromethane	74-87-3	N.D.	2.0	N.D.	4.1	10
05298	3-Chloropropene	107-05-1	N.D.	2.0	N.D.	6.3	10
05298	Cumene	98-82-8	N.D.	2.0	N.D.	9.8	10
05298	Dibromochloromethane	124-48-1	N.D.	2.0	N.D.	17	10
05298	1,2-Dibromoethane	106-93-4	N.D.	2.0	N.D.	15	10
05298	Dibromomethane	74-95-3	N.D.	2.0	N.D.	14	10
05298	1,2-Dichlorobenzene	95-50-1	N.D.	2.0	N.D.	12	10
05298	1,3-Dichlorobenzene	541-73-1	N.D.	2.0	N.D.	12	10
05298	1,4-Dichlorobenzene	106-46-7	N.D.	2.0	N.D.	12	10
05298	Dichlorodifluoromethane	75-71-8	N.D.	2.0	N.D.	9.9	10
05298	1,1-Dichloroethane	75-34-3	15	2.0	59	8.1	10
05298	1,2-Dichloroethane	107-06-2	N.D.	2.0	N.D.	8.1	10
05298	1,1-Dichloroethene	75-35-4	580	2.0	2,300	7.9	10
05298	cis-1,2-Dichloroethene	156-59-2	N.D.	2.0	N.D.	7.9	10
05298	trans-1,2-Dichloroethene	156-60-5	N.D.	2.0	N.D.	7.9	10
05298	Dichlorofluoromethane	75-43-4	N.D.	2.0	N.D.	8.4	10
05298	1,2-Dichloropropane	78-87-5	N.D.	2.0	N.D.	9.2	10
05298	cis-1,3-Dichloropropene	10061-01-5	N.D.	2.0	N.D.	9.1	10
05298	trans-1,3-Dichloropropene	10061-02-6	N.D.	2.0	N.D.	9.1	10
05298	Ethylbenzene	100-41-4	N.D.	2.0	N.D.	8.7	10
05298	4-Ethyltoluene	622-96-8	N.D.	2.0	N.D.	9.8	10
05298	Freon 113	76-13-1	N.D.	5.0	N.D.	38	10
05298	Freon 114	76-14-2	N.D.	2.0	N.D.	14	10
05298	Heptane	142-82-5	N.D.	2.0	N.D.	8.2	10
05298	Hexachloroethane	67-72-1	N.D.	2.0	N.D.	19	10
05298	Hexane	110-54-3	N.D.	2.0	N.D.	7.0	10
05298	2-Hexanone	591-78-6	N.D.	5.0	N.D.	20	10
05298	Isooctane	540-84-1	N.D.	2.0	N.D.	9.3	10
05298	Methyl t-Butyl Ether	1634-04-4	N.D.	2.0	N.D.	7.2	10
05298	4-Methyl-2-Pentanone	108-10-1	N.D.	5.0	N.D.	20	10
05298	Methylene Chloride	75-09-2	N.D.	2.0	N.D.	6.9	10
05298	Octane	111-65-9	N.D.	2.0	N.D.	9.3	10
05298	Pentane	109-66-0	N.D.	2.0	N.D.	5.9	10
05298	Styrene	100-42-5	N.D.	2.0	N.D.	8.5	10
05298	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	2.0	N.D.	14	10
05298	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	2.0	N.D.	14	10
05298	Tetrachloroethene	127-18-4	N.D.	2.0	N.D.	14	10

Sample Description: SVE 1 Air
SummaCan# 811
Avery Dennison / Flowery Branch, GA

LL Sample # AQ 7209117
LL Group # 1421013
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 09/18/2013 10:13 by CP The Johnson Company, Inc.
Suite 600
Submitted: 09/24/2013 09:15 100 State Street
Reported: 09/27/2013 16:15 Montpelier VT 05602

CAT No.	Analysis Name	CAS Number	As Received Final Result	MDL	As Received Final Result	MDL	DF
Volatiles in Air		EPA TO-15	ppb(v)	ppb(v)	ug/m3	ug/m3	
05298	Toluene	108-88-3	48	2.0	180	7.5	10
05298	1,1,1-Trichloroethane	71-55-6	410	2.0	2,300	11	10
05298	1,1,2-Trichloroethane	79-00-5	N.D.	2.0	N.D.	11	10
05298	Trichloroethene	79-01-6	N.D.	2.0	N.D.	11	10
05298	Trichlorofluoromethane	75-69-4	N.D.	2.0	N.D.	11	10
05298	1,2,3-Trichloropropane	96-18-4	N.D.	2.0	N.D.	12	10
05298	1,2,4-Trimethylbenzene	95-63-6	N.D.	2.0	N.D.	9.8	10
05298	1,3,5-Trimethylbenzene	108-67-8	N.D.	2.0	N.D.	9.8	10
05298	Vinyl Chloride	75-01-4	N.D.	2.0	N.D.	5.1	10
05298	m/p-Xylene	179601-23-1	N.D.	2.0	N.D.	8.7	10
05298	o-Xylene	95-47-6	N.D.	2.0	N.D.	8.7	10

Reporting limits were raised due to interference from the sample matrix.

MDL = Method Detection Limit

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/14

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
05298	TO 15 VOA Ext. List	EPA TO-15	1	D1326830AB	09/27/2013 01:48	Michael A Ziegler	10
05298	TO 15 VOA Ext. List	EPA TO-15	1	D1326830AB	09/27/2013 12:52	Michael A Ziegler	500

Sample Description: SVE Stack Air
SummaCan# 1112
Avery Dennison / Flowery Branch, GA

LL Sample # AQ 7209118
LL Group # 1421013
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 09/18/2013 10:17 by CP

The Johnson Company, Inc.

Suite 600

Submitted: 09/24/2013 09:15

100 State Street

Reported: 09/27/2013 16:15

Montpelier VT 05602

CAT No.	Analysis Name	CAS Number	As Received Final Result	MDL	As Received Final Result	MDL	DF
Volatiles in Air		EPA TO-15	ppb(v)	ppb(v)	ug/m3	ug/m3	
05298	Acetone	67-64-1	210	10	500	24	20
05298	Benzene	71-43-2	N.D.	0.20	N.D.	0.64	1
05298	Bromobenzene	108-86-1	N.D.	0.20	N.D.	1.3	1
05298	Bromodichloromethane	75-27-4	N.D.	0.20	N.D.	1.3	1
05298	Bromoform	75-25-2	N.D.	0.20	N.D.	2.1	1
05298	Bromomethane	74-83-9	N.D.	0.20	N.D.	0.78	1
05298	1,3-Butadiene	106-99-0	N.D.	0.50	N.D.	1.1	1
05298	2-Butanone	78-93-3	120	10	340	29	20
05298	Carbon Disulfide	75-15-0	N.D.	0.50	N.D.	1.6	1
05298	Carbon Tetrachloride	56-23-5	N.D.	0.20	N.D.	1.3	1
05298	Chlorobenzene	108-90-7	N.D.	0.20	N.D.	0.92	1
05298	Chlorodifluoromethane	75-45-6	0.29 J	0.20	1.0 J	0.71	1
05298	Chloroethane	75-00-3	N.D.	0.20	N.D.	0.53	1
05298	Chloroform	67-66-3	N.D.	0.20	N.D.	0.98	1
05298	Chloromethane	74-87-3	0.42 J	0.20	0.88 J	0.41	1
05298	3-Chloropropene	107-05-1	N.D.	0.20	N.D.	0.63	1
05298	Cumene	98-82-8	0.93 J	0.20	4.6 J	0.98	1
05298	Dibromochloromethane	124-48-1	N.D.	0.20	N.D.	1.7	1
05298	1,2-Dibromoethane	106-93-4	N.D.	0.20	N.D.	1.5	1
05298	Dibromomethane	74-95-3	N.D.	0.20	N.D.	1.4	1
05298	1,2-Dichlorobenzene	95-50-1	N.D.	0.20	N.D.	1.2	1
05298	1,3-Dichlorobenzene	541-73-1	N.D.	0.20	N.D.	1.2	1
05298	1,4-Dichlorobenzene	106-46-7	N.D.	0.20	N.D.	1.2	1
05298	Dichlorodifluoromethane	75-71-8	0.49 J	0.20	2.4 J	0.99	1
05298	1,1-Dichloroethane	75-34-3	1.2	0.20	5.0	0.81	1
05298	1,2-Dichloroethane	107-06-2	N.D.	0.20	N.D.	0.81	1
05298	1,1-Dichloroethene	75-35-4	36	0.20	140	0.79	1
05298	cis-1,2-Dichloroethene	156-59-2	N.D.	0.20	N.D.	0.79	1
05298	trans-1,2-Dichloroethene	156-60-5	N.D.	0.20	N.D.	0.79	1
05298	Dichlorofluoromethane	75-43-4	N.D.	0.20	N.D.	0.84	1
05298	1,2-Dichloropropane	78-87-5	N.D.	0.20	N.D.	0.92	1
05298	cis-1,3-Dichloropropene	10061-01-5	N.D.	0.20	N.D.	0.91	1
05298	trans-1,3-Dichloropropene	10061-02-6	N.D.	0.20	N.D.	0.91	1
05298	Ethylbenzene	100-41-4	N.D.	0.20	N.D.	0.87	1
05298	4-Ethyltoluene	622-96-8	N.D.	0.20	N.D.	0.98	1
05298	Freon 113	76-13-1	N.D.	0.50	N.D.	3.8	1
05298	Freon 114	76-14-2	N.D.	0.20	N.D.	1.4	1
05298	Heptane	142-82-5	N.D.	0.20	N.D.	0.82	1
05298	Hexachloroethane	67-72-1	N.D.	0.20	N.D.	1.9	1
05298	Hexane	110-54-3	N.D.	0.20	N.D.	0.70	1
05298	2-Hexanone	591-78-6	N.D.	0.50	N.D.	2.0	1
05298	Isooctane	540-84-1	N.D.	0.20	N.D.	0.93	1
05298	Methyl t-Butyl Ether	1634-04-4	N.D.	0.20	N.D.	0.72	1
05298	4-Methyl-2-Pentanone	108-10-1	N.D.	0.50	N.D.	2.0	1
05298	Methylene Chloride	75-09-2	0.24 J	0.20	0.83 J	0.69	1
05298	Octane	111-65-9	N.D.	0.20	N.D.	0.93	1
05298	Pentane	109-66-0	N.D.	0.20	N.D.	0.59	1
05298	Styrene	100-42-5	N.D.	0.20	N.D.	0.85	1
05298	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	0.20	N.D.	1.4	1
05298	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	0.20	N.D.	1.4	1
05298	Tetrachloroethene	127-18-4	N.D.	0.20	N.D.	1.4	1

Sample Description: SVE Stack Air
SummaCan# 1112
Avery Dennison / Flowery Branch, GA

LL Sample # AQ 7209118
LL Group # 1421013
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 09/18/2013 10:17 by CP

The Johnson Company, Inc.

Suite 600

Submitted: 09/24/2013 09:15

100 State Street

Reported: 09/27/2013 16:15

Montpelier VT 05602

CAT No.	Analysis Name	CAS Number	As Received Final Result	MDL	As Received Final Result	MDL	DF
Volatiles in Air		EPA TO-15	ppb(v)	ppb(v)	ug/m3	ug/m3	
05298	Toluene	108-88-3	0.77 J	0.20	2.9 J	0.75	1
05298	1,1,1-Trichloroethane	71-55-6	11	0.20	62	1.1	1
05298	1,1,2-Trichloroethane	79-00-5	N.D.	0.20	N.D.	1.1	1
05298	Trichloroethene	79-01-6	N.D.	0.20	N.D.	1.1	1
05298	Trichlorofluoromethane	75-69-4	0.30 J	0.20	1.7 J	1.1	1
05298	1,2,3-Trichloropropane	96-18-4	N.D.	0.20	N.D.	1.2	1
05298	1,2,4-Trimethylbenzene	95-63-6	N.D.	0.20	N.D.	0.98	1
05298	1,3,5-Trimethylbenzene	108-67-8	N.D.	0.20	N.D.	0.98	1
05298	Vinyl Chloride	75-01-4	N.D.	0.20	N.D.	0.51	1
05298	m/p-Xylene	179601-23-1	N.D.	0.20	N.D.	0.87	1
05298	o-Xylene	95-47-6	N.D.	0.20	N.D.	0.87	1

MDL = Method Detection Limit

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/14

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
05298	TO 15 VOA Ext. List	EPA TO-15	1	D1326830AB	09/27/2013 02:37	Michael A Ziegler	1
05298	TO 15 VOA Ext. List	EPA TO-15	1	D1326830AB	09/27/2013 10:00	Michael A Ziegler	20

Quality Control Summary

Client Name: The Johnson Company, Inc.
Reported: 09/27/13 at 04:15 PM

Group Number: 1421013

Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

All Inorganic Initial Calibration and Continuing Calibration Blanks met acceptable method criteria unless otherwise noted on the Analysis Report.

Laboratory Compliance Quality Control

<u>Analysis Name</u>	<u>Blank Result</u>	<u>Blank MDL</u>	<u>Report Units</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>LCS/LCSD Limits</u>	<u>RPD</u>	<u>RPD Max</u>
Batch number: D1326830AB	Sample number(s): 7209114-7209118							
Acetone	N.D.	0.50	ppb (v)	107	100	61-134	6	25
Benzene	N.D.	0.20	ppb (v)	108	104	70-130	4	25
Bromobenzene	N.D.	0.20	ppb (v)					
Bromodichloromethane	N.D.	0.20	ppb (v)	95	90	70-129	5	25
Bromoform	N.D.	0.20	ppb (v)	101	96	64-141	5	25
Bromomethane	N.D.	0.20	ppb (v)	105	93	70-130	12	25
1,3-Butadiene	N.D.	0.40	ppb (v)	115	99	66-129	15	25
2-Butanone	N.D.	0.50	ppb (v)	124	113	55-131	9	25
Carbon Disulfide	N.D.	0.50	ppb (v)	105	94	57-107	11	25
Carbon Tetrachloride	N.D.	0.20	ppb (v)	103	98	70-130	5	25
Chlorobenzene	N.D.	0.20	ppb (v)	102	98	70-130	4	25
Chlorodifluoromethane	N.D.	0.20	ppb (v)					
Chloroethane	N.D.	0.20	ppb (v)	104	93	70-131	11	25
Chloroform	N.D.	0.20	ppb (v)	95	91	70-130	4	25
Chloromethane	N.D.	0.20	ppb (v)	92	82	64-133	12	25
3-Chloropropene	N.D.	0.20	ppb (v)					
Cumene	N.D.	0.20	ppb (v)					
Dibromochloromethane	N.D.	0.20	ppb (v)	98	94	65-127	4	25
1,2-Dibromoethane	N.D.	0.20	ppb (v)	103	99	65-126	4	25
Dibromomethane	N.D.	0.20	ppb (v)					
1,2-Dichlorobenzene	N.D.	0.20	ppb (v)	106	98	62-132	7	25
1,3-Dichlorobenzene	N.D.	0.20	ppb (v)	97	90	63-125	7	25
1,4-Dichlorobenzene	N.D.	0.20	ppb (v)	106	97	63-127	9	25
Dichlorodifluoromethane	N.D.	0.20	ppb (v)	102	84	69-143	20	25
1,1-Dichloroethane	N.D.	0.20	ppb (v)	99	95	67-124	5	25
1,2-Dichloroethane	N.D.	0.20	ppb (v)	102	97	70-130	5	25
1,1-Dichloroethene	N.D.	0.20	ppb (v)	108	98	64-119	9	25
cis-1,2-Dichloroethene	N.D.	0.20	ppb (v)	100	95	65-121	6	25
trans-1,2-Dichloroethene	N.D.	0.20	ppb (v)	101	94	66-121	7	25
Dichlorofluoromethane	N.D.	0.20	ppb (v)					
1,2-Dichloropropane	N.D.	0.20	ppb (v)	101	95	70-130	6	25
cis-1,3-Dichloropropene	N.D.	0.20	ppb (v)	127*	122	64-125	4	25
trans-1,3-Dichloropropene	N.D.	0.20	ppb (v)	103	100	61-126	3	25
Ethylbenzene	N.D.	0.20	ppb (v)	112	107	70-130	5	25
4-Ethyltoluene	N.D.	0.20	ppb (v)	113	108	59-126	4	25
Freon 113	N.D.	0.50	ppb (v)	99	91	63-114	9	25
Freon 114	N.D.	0.20	ppb (v)	99	88	63-123	12	25
Heptane	N.D.	0.20	ppb (v)	107	102	65-119	5	25
Hexachloroethane	N.D.	0.20	ppb (v)					
Hexane	N.D.	0.20	ppb (v)	103	98	63-117	5	25
2-Hexanone	N.D.	0.50	ppb (v)	148	132	41-152	12	25
Isooctane	N.D.	0.20	ppb (v)					
Methyl t-Butyl Ether	N.D.	0.20	ppb (v)	106	98	60-121	8	25

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: The Johnson Company, Inc.
Reported: 09/27/13 at 04:15 PM

Group Number: 1421013

<u>Analysis Name</u>	<u>Blank Result</u>	<u>Blank MDL</u>	<u>Report Units</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>LCS/LCSD Limits</u>	<u>RPD</u>	<u>RPD Max</u>
4-Methyl-2-Pentanone	N.D.	0.50	ppb (v)	134	117	53-140	13	25
Methylene Chloride	N.D.	0.20	ppb (v)	110	104	70-130	6	25
Octane	N.D.	0.20	ppb (v)					
Pentane	N.D.	0.20	ppb (v)					
Styrene	N.D.	0.20	ppb (v)	120	114	64-130	6	25
1,1,1,2-Tetrachloroethane	N.D.	0.20	ppb (v)					
1,1,2,2-Tetrachloroethane	N.D.	0.20	ppb (v)	96	90	58-133	6	25
Tetrachloroethene	N.D.	0.20	ppb (v)	94	91	70-130	2	25
Toluene	N.D.	0.20	ppb (v)	112	109	70-130	3	25
1,1,1-Trichloroethane	N.D.	0.20	ppb (v)	100	95	70-130	6	25
1,1,2-Trichloroethane	N.D.	0.20	ppb (v)	99	96	65-125	3	25
Trichloroethene	N.D.	0.20	ppb (v)	104	98	70-130	6	25
Trichlorofluoromethane	N.D.	0.20	ppb (v)	101	91	70-130	11	25
1,2,3-Trichloropropane	N.D.	0.20	ppb (v)					
1,2,4-Trimethylbenzene	N.D.	0.20	ppb (v)	105	99	60-128	6	25
1,3,5-Trimethylbenzene	N.D.	0.20	ppb (v)	117	109	61-132	6	25
Vinyl Chloride	N.D.	0.20	ppb (v)	111	97	70-130	14	25
m/p-Xylene	N.D.	0.20	ppb (v)	116	109	70-130	6	25
o-Xylene	N.D.	0.20	ppb (v)	121	115	70-130	5	25

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The unspiked result was more than four times the spike added.

Summa Canister Field Test Data/Chain of Custody



Lancaster Laboratories

Acct. # 6556

Group # 1421013

For Eurofins Lancaster Laboratories use only

Sample # 7209114-18

Bottle Order (SCR) # _____

Instructions on reverse side correspond with circled numbers.

1 Client Information					3 Turnaround Time Requested (TAT) (circle one)					6 Analyses Requested						
Client: <u>Johnson Company</u> Account # _____					Standard Rush (specify) _____					EPA TO - 15 <input type="checkbox"/> EPA 18 <input type="checkbox"/> BTEX <input type="checkbox"/> MTBE <input type="checkbox"/> EPA 25 (select range below) Helium as tracer <input type="checkbox"/> O2/CO2 Library Search						
Project Name/#: <u>Flowers Branch SVE</u>					4 Data Package Required? 5 EDD Required?											
Project Manager: <u>Glen Kirkpatrick</u> P.O. # _____					Yes No Yes No											
Sampler: <u>Calvin Powell</u> Quote # _____					Temperature (F) Pressure ("Hg) Start Stop Start Stop											
Name of state where samples were collected: <u>CA</u>					Ambient Maximum Minimum											
2																
Sample Identification	Start Date/Time (24-hour clock)	Stop Date/Time (24-hour clock)	Canister Pressure in Field ("Hg) (Start)	Canister Pressure in Field ("Hg) (Stop)	Interior Temp. (F) (Start)	Interior Temp. (F) (Stop)	Flow Reg. ID	Can ID	Can Size (L)	Controller Flowrate (mL/min)	EPA TO - 15	EPA 18	EPA 25 (select range below)	Helium as tracer	O2/CO2	Library Search
MW LOSS	10:07 9/18							156	1		X					
VW S	10:08 9/18							021	1		X					
MW 64	10:10 9/18							1131	1		X					
SVE 1	10:13 9/18							811	1		X					
SVE stack	10:17 9/18							1112	1		X					
7 Instructions/QC Requirements & Comments												EPA 25 (check one) <input type="checkbox"/> C1 - C4 <input type="checkbox"/> C2 - C10 <input type="checkbox"/> C1 - C10 <input type="checkbox"/> C4 - C10 (GRO) <input type="checkbox"/> C2 - C4				
Canisters Shipped by:	Date/Time:	Canisters Received by:	Date/Time:	Relinquished by:	Date/Time:	Received by:	Date/Time:	(8)								
		<u>Calvin Powell</u>	<u>9/18</u>													
Relinquished by:	Date/Time:	Received by:	Date/Time:	Relinquished by:	Date/Time:	Received by:	Date/Time:									
<u>Calvin Powell</u>	<u>9/20 12:25</u>	<u>Nathan Williams</u>	<u>9/20 12:25</u>													
Relinquished by:	Date/Time:	Received by:	Date/Time:	Relinquished by:	Date/Time:	Received by:	Date/Time:									
						<u>Brenda Duff</u>	<u>9/24/13</u>									

Environmental Sample Administration 1421013
Receipt Documentation Log

Client/Project: Johnson Company
 Date of Receipt: 9-24-13
 Time of Receipt: 915
 Source Code: 60-1

Shipping Container Sealed: YES NO
 Custody Seal Present * : YES NO
* Custody seal was intact unless otherwise noted in the discrepancy section
 Package: Chilled Not Chilled

Temperature of Shipping Containers							
Cooler #	Thermometer ID	Temperature (°C)	Temp Bottle (TB) or Surface Temp (ST)	Wet Ice (WI) or Dry Ice (DI) or Ice Packs (IP)	Ice Present? Y/N	Loose (L) Bagged Ice (B) or NA	Comments
1							
2							
3							
4							
5							
6							

Number of Trip Blanks received NOT listed on chain of custody: 0

Paperwork Discrepancy/Unpacking Problems:
Rec Tubiney

Unpacker Signature/Emp#: Brenely Barclay 2299 Date/Time: 9-24-13 1210

Issued by Dept. 6042 Management

Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

RL	Reporting Limit	BMQL	Below Minimum Quantitation Level
N.D.	none detected	MPN	Most Probable Number
TNTC	Too Numerous To Count	CP Units	cobalt-chloroplatinate units
IU	International Units	NTU	nephelometric turbidity units
umhos/cm	micromhos/cm	ng	nanogram(s)
C	degrees Celsius	F	degrees Fahrenheit
meq	milliequivalents	lb.	pound(s)
g	gram(s)	kg	kilogram(s)
µg	microgram(s)	mg	milligram(s)
mL	milliliter(s)	L	liter(s)
m³	cubic meter(s)	µL	microliter(s)
		pg/L	picogram/liter

< less than - The number following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably determined using this specific test.

> greater than

ppm parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

Data Qualifiers:

C – result confirmed by reanalysis.

J - estimated value – The result is \geq the Method Detection Limit (MDL) and $<$ the Limit of Quantitation (LOQ).

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers

- A** TIC is a possible aldol-condensation product
- B** Analyte was also detected in the blank
- C** Pesticide result confirmed by GC/MS
- D** Compound quantitated on a diluted sample
- E** Concentration exceeds the calibration range of the instrument
- N** Presumptive evidence of a compound (TICs only)
- P** Concentration difference between primary and confirmation columns $>25\%$
- U** Compound was not detected
- X,Y,Z** Defined in case narrative

Inorganic Qualifiers

- B** Value is $<$ CRDL, but \geq IDL
- E** Estimated due to interference
- M** Duplicate injection precision not met
- N** Spike sample not within control limits
- S** Method of standard additions (MSA) used for calculation
- U** Compound was not detected
- W** Post digestion spike out of control limits
- *** Duplicate analysis not within control limits
- +** Correlation coefficient for MSA <0.995

Analytical test results meet all requirements of NELAC unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

Times are local to the area of activity. Parameters listed in the 40 CFR part 136 Table II as “analyze immediately” are not performed within 15 minutes.

WARRANTY AND LIMITS OF LIABILITY - In accepting analytical work, we warrant the accuracy of test results for the sample as submitted. THE FOREGOING EXPRESS WARRANTY IS EXCLUSIVE AND IS GIVEN IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED. WE DISCLAIM ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING A WARRANTY OF FITNESS FOR PARTICULAR PURPOSE AND WARRANTY OF MERCHANTABILITY. IN NO EVENT SHALL EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL, LLC BE LIABLE FOR INDIRECT, SPECIAL, CONSEQUENTIAL, OR INCIDENTAL DAMAGES INCLUDING, BUT NOT LIMITED TO, DAMAGES FOR LOSS OF PROFIT OR GOODWILL REGARDLESS OF (A) THE NEGLIGENCE (EITHER SOLE OR CONCURRENT) OF EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL AND (B) WHETHER EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL HAS BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES. We accept no legal responsibility for the purposes for which the client uses the test results. No purchase order or other order for work shall be accepted by Eurofins Lancaster Laboratories Environmental which includes any conditions that vary from the Standard Terms and Conditions, and Eurofins Lancaster Laboratories Environmental hereby objects to any conflicting terms contained in any acceptance or order submitted by client.

ANALYTICAL RESULTS

Prepared by:

Eurofins Lancaster Laboratories Environmental
2425 New Holland Pike
Lancaster, PA 17601

Prepared for:

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

October 31, 2013

Project: Avery Dennison / Flowery Branch, GA

Submittal Date: 10/22/2013

Group Number: 1428121

PO Number: 1-0145-4

State of Sample Origin: GA

<u>Client Sample Description</u>	<u>Lancaster Labs (LL) #</u>
KO Air	7246188
SVE 1 Air	7246189
SVE 2 Air	7246190
MP 1 Air	7246191
MW 64S Air	7246192
MW 64 Air	7246193
VW 5 Air	7246194
SVE Exhaust Air	7246195

The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Sample Analysis Record.

ELECTRONIC The Johnson Company, Inc.
COPY TO

Attn: Glen Kirkpatrick

Respectfully Submitted,



Wendy A. Kozma
Principal Specialist Group Leader

(717) 556-7257

Sample Description: KO Air
SummaCan# 1033
Avery Dennison / Flowery Branch, GA

LL Sample # AQ 7246188
LL Group # 1428121
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 10/16/2013 13:41 by NW

The Johnson Company, Inc.

Suite 600

Submitted: 10/22/2013 09:30

100 State Street

Reported: 10/31/2013 15:12

Montpelier VT 05602

CAT No.	Analysis Name	CAS Number	As Received Final Result		MDL	As Received Final Result		MDL	DF
Volatiles in Air		EPA TO-15	ppb(v)		ppb(v)	ug/m3		ug/m3	
05298	Acetone	67-64-1	12	J	1.8	27	J	4.2	3.5
05298	Benzene	71-43-2	N.D.		0.70	N.D.		2.2	3.5
05298	Bromobenzene	108-86-1	N.D.		0.70	N.D.		4.5	3.5
05298	Bromodichloromethane	75-27-4	N.D.		0.70	N.D.		4.7	3.5
05298	Bromoform	75-25-2	N.D.		0.70	N.D.		7.2	3.5
05298	Bromomethane	74-83-9	N.D.		0.70	N.D.		2.7	3.5
05298	1,3-Butadiene	106-99-0	N.D.		1.8	N.D.		3.9	3.5
05298	2-Butanone	78-93-3	3.5	J	1.8	10	J	5.2	3.5
05298	Carbon Disulfide	75-15-0	2.8	J	1.8	8.7	J	5.4	3.5
05298	Carbon Tetrachloride	56-23-5	N.D.		0.70	N.D.		4.4	3.5
05298	Chlorobenzene	108-90-7	N.D.		0.70	N.D.		3.2	3.5
05298	Chlorodifluoromethane	75-45-6	N.D.		0.70	N.D.		2.5	3.5
05298	Chloroethane	75-00-3	N.D.		0.70	N.D.		1.8	3.5
05298	Chloroform	67-66-3	N.D.		0.70	N.D.		3.4	3.5
05298	Chloromethane	74-87-3	N.D.		0.70	N.D.		1.4	3.5
05298	3-Chloropropene	107-05-1	N.D.		0.70	N.D.		2.2	3.5
05298	Cumene	98-82-8	N.D.		0.70	N.D.		3.4	3.5
05298	Dibromochloromethane	124-48-1	N.D.		0.70	N.D.		6.0	3.5
05298	1,2-Dibromoethane	106-93-4	N.D.		0.70	N.D.		5.4	3.5
05298	Dibromomethane	74-95-3	N.D.		0.70	N.D.		5.0	3.5
05298	1,2-Dichlorobenzene	95-50-1	N.D.		0.70	N.D.		4.2	3.5
05298	1,3-Dichlorobenzene	541-73-1	N.D.		0.70	N.D.		4.2	3.5
05298	1,4-Dichlorobenzene	106-46-7	N.D.		0.70	N.D.		4.2	3.5
05298	Dichlorodifluoromethane	75-71-8	N.D.		0.70	N.D.		3.5	3.5
05298	1,1-Dichloroethane	75-34-3	22		0.70	91		2.8	3.5
05298	1,2-Dichloroethane	107-06-2	N.D.		0.70	N.D.		2.8	3.5
05298	1,1-Dichloroethene	75-35-4	830	J	7.0	3,300	J	28	35
05298	cis-1,2-Dichloroethene	156-59-2	N.D.		0.70	N.D.		2.8	3.5
05298	trans-1,2-Dichloroethene	156-60-5	N.D.		0.70	N.D.		2.8	3.5
05298	Dichlorofluoromethane	75-43-4	N.D.		0.70	N.D.		2.9	3.5
05298	1,2-Dichloropropane	78-87-5	N.D.		0.70	N.D.		3.2	3.5
05298	cis-1,3-Dichloropropene	10061-01-5	N.D.		0.70	N.D.		3.2	3.5
05298	trans-1,3-Dichloropropene	10061-02-6	N.D.		0.70	N.D.		3.2	3.5
05298	Ethylbenzene	100-41-4	1.1	J	0.70	4.6	J	3.0	3.5
05298	4-Ethyltoluene	622-96-8	N.D.		0.70	N.D.		3.4	3.5
05298	Freon 113	76-13-1	N.D.		1.8	N.D.		13	3.5
05298	Freon 114	76-14-2	N.D.		0.70	N.D.		4.9	3.5
05298	Heptane	142-82-5	N.D.		0.70	N.D.		2.9	3.5
05298	Hexachloroethane	67-72-1	N.D.		0.70	N.D.		6.8	3.5
05298	Hexane	110-54-3	N.D.		0.70	N.D.		2.5	3.5
05298	2-Hexanone	591-78-6	N.D.		1.8	N.D.		7.2	3.5
05298	Isooctane	540-84-1	N.D.		0.70	N.D.		3.3	3.5
05298	Methyl t-Butyl Ether	1634-04-4	N.D.		0.70	N.D.		2.5	3.5
05298	4-Methyl-2-Pentanone	108-10-1	N.D.		1.8	N.D.		7.2	3.5
05298	Methylene Chloride	75-09-2	1.1	J	0.70	4.0	J	2.4	3.5
05298	Octane	111-65-9	N.D.		0.70	N.D.		3.3	3.5
05298	Pentane	109-66-0	N.D.		0.70	N.D.		2.1	3.5
05298	Styrene	100-42-5	N.D.		0.70	N.D.		3.0	3.5
05298	1,1,1,2-Tetrachloroethane	630-20-6	N.D.		0.70	N.D.		4.8	3.5
05298	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		0.70	N.D.		4.8	3.5
05298	Tetrachloroethene	127-18-4	N.D.		0.70	N.D.		4.7	3.5

Sample Description: KO Air
SummaCan# 1033
Avery Dennison / Flowery Branch, GA

LL Sample # AQ 7246188
LL Group # 1428121
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 10/16/2013 13:41 by NW

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

Submitted: 10/22/2013 09:30

Reported: 10/31/2013 15:12

CAT No.	Analysis Name	CAS Number	As Received Final Result	MDL	As Received Final Result	MDL	DF
Volatiles in Air		EPA TO-15	ppb(v)	ppb(v)	ug/m3	ug/m3	
05298	Toluene	108-88-3	N.D.	0.70	N.D.	2.6	3.5
05298	1,1,1-Trichloroethane	71-55-6	76	0.70	410	3.8	3.5
05298	1,1,2-Trichloroethane	79-00-5	N.D.	0.70	N.D.	3.8	3.5
05298	Trichloroethene	79-01-6	N.D.	0.70	N.D.	3.8	3.5
05298	Trichlorofluoromethane	75-69-4	4.2 J	0.70	24 J	3.9	3.5
05298	1,2,3-Trichloropropane	96-18-4	N.D.	0.70	N.D.	4.2	3.5
05298	1,2,4-Trimethylbenzene	95-63-6	N.D.	0.70	N.D.	3.4	3.5
05298	1,3,5-Trimethylbenzene	108-67-8	N.D.	0.70	N.D.	3.4	3.5
05298	Vinyl Chloride	75-01-4	11 J	0.70	28 J	1.8	3.5
05298	m/p-Xylene	179601-23-1	1.1 J	0.70	4.9 J	3.0	3.5
05298	o-Xylene	95-47-6	1.2 J	0.70	5.4 J	3.0	3.5

The LCS and/or LCSD recoveries are outside the stated QC window but within the marginal exceedance allowance of +/- 4 standard deviations as defined in the NELAC Standards. The following analytes are accepted based on this allowance:

carbon disulfide

MDL = Method Detection Limit

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/14

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
05298	TO 15 VOA Ext. List	EPA TO-15	1	D1330030AA	10/28/2013 07:15	Michael A Ziegler	3.5
05298	TO 15 VOA Ext. List	EPA TO-15	1	D1330030AA	10/28/2013 13:13	Michael A Ziegler	35

Sample Description: SVE 1 Air
SummaCan# 854
Avery Dennison / Flowery Branch, GA

LL Sample # AQ 7246189
LL Group # 1428121
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 10/16/2013 14:52 by NW

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

Submitted: 10/22/2013 09:30

Reported: 10/31/2013 15:12

CAT No.	Analysis Name	CAS Number	As Received Final Result	MDL	As Received Final Result	MDL	DF
Volatiles in Air		EPA TO-15	ppb(v)	ppb(v)	ug/m3	ug/m3	
05298	Acetone	67-64-1	5.9	0.50	14	1.2	1
05298	Benzene	71-43-2	N.D.	0.20	N.D.	0.64	1
05298	Bromobenzene	108-86-1	N.D.	0.20	N.D.	1.3	1
05298	Bromodichloromethane	75-27-4	N.D.	0.20	N.D.	1.3	1
05298	Bromoform	75-25-2	N.D.	0.20	N.D.	2.1	1
05298	Bromomethane	74-83-9	N.D.	0.20	N.D.	0.78	1
05298	1,3-Butadiene	106-99-0	N.D.	0.50	N.D.	1.1	1
05298	2-Butanone	78-93-3	0.94	J 0.50	J 2.8	J 1.5	1
05298	Carbon Disulfide	75-15-0	1.9	0.50	5.9	1.6	1
05298	Carbon Tetrachloride	56-23-5	N.D.	0.20	N.D.	1.3	1
05298	Chlorobenzene	108-90-7	N.D.	0.20	N.D.	0.92	1
05298	Chlorodifluoromethane	75-45-6	1.1	0.20	3.9	0.71	1
05298	Chloroethane	75-00-3	N.D.	0.20	N.D.	0.53	1
05298	Chloroform	67-66-3	0.21	J 0.20	J 1.0	J 0.98	1
05298	Chloromethane	74-87-3	0.62	J 0.20	J 1.3	J 0.41	1
05298	3-Chloropropene	107-05-1	N.D.	0.20	N.D.	0.63	1
05298	Cumene	98-82-8	N.D.	0.20	N.D.	0.98	1
05298	Dibromochloromethane	124-48-1	N.D.	0.20	N.D.	1.7	1
05298	1,2-Dibromoethane	106-93-4	N.D.	0.20	N.D.	1.5	1
05298	Dibromomethane	74-95-3	N.D.	0.20	N.D.	1.4	1
05298	1,2-Dichlorobenzene	95-50-1	N.D.	0.20	N.D.	1.2	1
05298	1,3-Dichlorobenzene	541-73-1	N.D.	0.20	N.D.	1.2	1
05298	1,4-Dichlorobenzene	106-46-7	N.D.	0.20	N.D.	1.2	1
05298	Dichlorodifluoromethane	75-71-8	0.49	J 0.20	J 2.4	J 0.99	1
05298	1,1-Dichloroethane	75-34-3	33	0.20	130	0.81	1
05298	1,2-Dichloroethane	107-06-2	0.60	J 0.20	J 2.4	J 0.81	1
05298	1,1-Dichloroethene	75-35-4	640	4.0	2,500	16	20
05298	cis-1,2-Dichloroethene	156-59-2	N.D.	0.20	N.D.	0.79	1
05298	trans-1,2-Dichloroethene	156-60-5	N.D.	0.20	N.D.	0.79	1
05298	Dichlorofluoromethane	75-43-4	N.D.	0.20	N.D.	0.84	1
05298	1,2-Dichloropropane	78-87-5	N.D.	0.20	N.D.	0.92	1
05298	cis-1,3-Dichloropropene	10061-01-5	N.D.	0.20	N.D.	0.91	1
05298	trans-1,3-Dichloropropene	10061-02-6	N.D.	0.20	N.D.	0.91	1
05298	Ethylbenzene	100-41-4	0.73	J 0.20	J 3.2	J 0.87	1
05298	4-Ethyltoluene	622-96-8	N.D.	0.20	N.D.	0.98	1
05298	Freon 113	76-13-1	N.D.	0.50	N.D.	3.8	1
05298	Freon 114	76-14-2	0.35	J 0.20	J 2.4	J 1.4	1
05298	Heptane	142-82-5	N.D.	0.20	N.D.	0.82	1
05298	Hexachloroethane	67-72-1	N.D.	0.20	N.D.	1.9	1
05298	Hexane	110-54-3	N.D.	0.20	N.D.	0.70	1
05298	2-Hexanone	591-78-6	N.D.	0.50	N.D.	2.0	1
05298	Isooctane	540-84-1	N.D.	0.20	N.D.	0.93	1
05298	Methyl t-Butyl Ether	1634-04-4	N.D.	0.20	N.D.	0.72	1
05298	4-Methyl-2-Pentanone	108-10-1	N.D.	0.50	N.D.	2.0	1
05298	Methylene Chloride	75-09-2	1.3	0.20	4.4	0.69	1
05298	Octane	111-65-9	N.D.	0.20	N.D.	0.93	1
05298	Pentane	109-66-0	0.54	J 0.20	J 1.6	J 0.59	1
05298	Styrene	100-42-5	N.D.	0.20	N.D.	0.85	1
05298	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	0.20	N.D.	1.4	1
05298	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	0.20	N.D.	1.4	1
05298	Tetrachloroethene	127-18-4	0.55	J 0.20	J 3.7	J 1.4	1

Sample Description: SVE 1 Air
SummaCan# 854
Avery Dennison / Flowery Branch, GA

LL Sample # AQ 7246189
LL Group # 1428121
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 10/16/2013 14:52 by NW

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

Submitted: 10/22/2013 09:30

Reported: 10/31/2013 15:12

CAT No.	Analysis Name	CAS Number	As Received Final Result		MDL	As Received Final Result		MDL	DF
Volatiles in Air		EPA TO-15	ppb(v)		ppb(v)	ug/m3		ug/m3	
05298	Toluene	108-88-3	110	J	4.0	420	J	15	20
05298	1,1,1-Trichloroethane	71-55-6	810		4.0	4,400		22	20
05298	1,1,2-Trichloroethane	79-00-5	0.42	J	0.20	2.3	J	1.1	1
05298	Trichloroethene	79-01-6	0.46	J	0.20	2.5	J	1.1	1
05298	Trichlorofluoromethane	75-69-4	6.4		0.20	36		1.1	1
05298	1,2,3-Trichloropropane	96-18-4	N.D.		0.20	N.D.		1.2	1
05298	1,2,4-Trimethylbenzene	95-63-6	N.D.		0.20	N.D.		0.98	1
05298	1,3,5-Trimethylbenzene	108-67-8	N.D.		0.20	N.D.		0.98	1
05298	Vinyl Chloride	75-01-4	0.34	J	0.20	0.88	J	0.51	1
05298	m/p-Xylene	179601-23-1	2.0		0.20	8.7		0.87	1
05298	o-Xylene	95-47-6	1.8		0.20	7.6		0.87	1

The LCS and/or LCSD recoveries are outside the stated QC window but within the marginal exceedance allowance of +/- 4 standard deviations as defined in the NELAC Standards. The following analytes are accepted based on this allowance:

carbon disulfide

MDL = Method Detection Limit

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/14

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time		Analyst	Dilution Factor
05298	TO 15 VOA Ext. List	EPA TO-15	1	D1330030AA	10/28/2013	08:04	Michael A Ziegler	1
05298	TO 15 VOA Ext. List	EPA TO-15	1	D1330030AA	10/28/2013	13:56	Michael A Ziegler	20

Sample Description: SVE 2 Air
SummaCan# 1133
Avery Dennison / Flowery Branch, GA

LL Sample # AQ 7246190
LL Group # 1428121
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 10/16/2013 14:55 by NW

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

Submitted: 10/22/2013 09:30

Reported: 10/31/2013 15:12

CAT No.	Analysis Name	CAS Number	As Received Final Result		MDL	As Received Final Result		MDL	DF
Volatiles in Air		EPA TO-15	ppb(v)		ppb(v)	ug/m3		ug/m3	
05298	Acetone	67-64-1	13		0.50	31	1.2	1	
05298	Benzene	71-43-2	0.29	J	0.20	0.92	J	0.64	1
05298	Bromobenzene	108-86-1	N.D.		0.20	N.D.	1.3	1	
05298	Bromodichloromethane	75-27-4	N.D.		0.20	N.D.	1.3	1	
05298	Bromoform	75-25-2	N.D.		0.20	N.D.	2.1	1	
05298	Bromomethane	74-83-9	N.D.		0.20	N.D.	0.78	1	
05298	1,3-Butadiene	106-99-0	N.D.		0.50	N.D.	1.1	1	
05298	2-Butanone	78-93-3	1.8	J	0.50	5.3	J	1.5	1
05298	Carbon Disulfide	75-15-0	N.D.		0.50	N.D.	1.6	1	
05298	Carbon Tetrachloride	56-23-5	N.D.		0.20	N.D.	1.3	1	
05298	Chlorobenzene	108-90-7	N.D.		0.20	N.D.	0.92	1	
05298	Chlorodifluoromethane	75-45-6	0.92	J	0.20	3.2	J	0.71	1
05298	Chloroethane	75-00-3	N.D.		0.20	N.D.	0.53	1	
05298	Chloroform	67-66-3	N.D.		0.20	N.D.	0.98	1	
05298	Chloromethane	74-87-3	1.0		0.20	2.1	0.41	1	
05298	3-Chloropropene	107-05-1	N.D.		0.20	N.D.	0.63	1	
05298	Cumene	98-82-8	0.57	J	0.20	2.8	J	0.98	1
05298	Dibromochloromethane	124-48-1	N.D.		0.20	N.D.	1.7	1	
05298	1,2-Dibromoethane	106-93-4	N.D.		0.20	N.D.	1.5	1	
05298	Dibromomethane	74-95-3	N.D.		0.20	N.D.	1.4	1	
05298	1,2-Dichlorobenzene	95-50-1	N.D.		0.20	N.D.	1.2	1	
05298	1,3-Dichlorobenzene	541-73-1	N.D.		0.20	N.D.	1.2	1	
05298	1,4-Dichlorobenzene	106-46-7	N.D.		0.20	N.D.	1.2	1	
05298	Dichlorodifluoromethane	75-71-8	0.51	J	0.20	2.5	J	0.99	1
05298	1,1-Dichloroethane	75-34-3	2.6		0.20	10	0.81	1	
05298	1,2-Dichloroethane	107-06-2	N.D.		0.20	N.D.	0.81	1	
05298	1,1-Dichloroethene	75-35-4	87	J	2.0	350	J	7.9	10
05298	cis-1,2-Dichloroethene	156-59-2	N.D.		0.20	N.D.	0.79	1	
05298	trans-1,2-Dichloroethene	156-60-5	N.D.		0.20	N.D.	0.79	1	
05298	Dichlorofluoromethane	75-43-4	N.D.		0.20	N.D.	0.84	1	
05298	1,2-Dichloropropane	78-87-5	N.D.		0.20	N.D.	0.92	1	
05298	cis-1,3-Dichloropropene	10061-01-5	N.D.		0.20	N.D.	0.91	1	
05298	trans-1,3-Dichloropropene	10061-02-6	N.D.		0.20	N.D.	0.91	1	
05298	Ethylbenzene	100-41-4	0.26	J	0.20	1.1	J	0.87	1
05298	4-Ethyltoluene	622-96-8	N.D.		0.20	N.D.	0.98	1	
05298	Freon 113	76-13-1	N.D.		0.50	N.D.	3.8	1	
05298	Freon 114	76-14-2	0.27	J	0.20	1.9	J	1.4	1
05298	Heptane	142-82-5	N.D.		0.20	N.D.	0.82	1	
05298	Hexachloroethane	67-72-1	N.D.		0.20	N.D.	1.9	1	
05298	Hexane	110-54-3	N.D.		0.20	N.D.	0.70	1	
05298	2-Hexanone	591-78-6	N.D.		0.50	N.D.	2.0	1	
05298	Isooctane	540-84-1	N.D.		0.20	N.D.	0.93	1	
05298	Methyl t-Butyl Ether	1634-04-4	N.D.		0.20	N.D.	0.72	1	
05298	4-Methyl-2-Pentanone	108-10-1	N.D.		0.50	N.D.	2.0	1	
05298	Methylene Chloride	75-09-2	0.29	J	0.20	1.0	J	0.69	1
05298	Octane	111-65-9	N.D.		0.20	N.D.	0.93	1	
05298	Pentane	109-66-0	0.50	J	0.20	1.5	J	0.59	1
05298	Styrene	100-42-5	N.D.		0.20	N.D.	0.85	1	
05298	1,1,1,2-Tetrachloroethane	630-20-6	N.D.		0.20	N.D.	1.4	1	
05298	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		0.20	N.D.	1.4	1	
05298	Tetrachloroethene	127-18-4	N.D.		0.20	N.D.	1.4	1	

Sample Description: SVE 2 Air
SummaCan# 1133
Avery Dennison / Flowery Branch, GA

LL Sample # AQ 7246190
LL Group # 1428121
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 10/16/2013 14:55 by NW The Johnson Company, Inc.
Suite 600
Submitted: 10/22/2013 09:30 100 State Street
Reported: 10/31/2013 15:12 Montpelier VT 05602

CAT No.	Analysis Name	CAS Number	As Received Final Result	MDL	As Received Final Result	MDL	DF
Volatiles in Air		EPA TO-15	ppb(v)	ppb(v)	ug/m3	ug/m3	
05298	Toluene	108-88-3	8.0	0.20	30	0.75	1
05298	1,1,1-Trichloroethane	71-55-6	17	0.20	95	1.1	1
05298	1,1,2-Trichloroethane	79-00-5	N.D.	0.20	N.D.	1.1	1
05298	Trichloroethene	79-01-6	N.D.	0.20	N.D.	1.1	1
05298	Trichlorofluoromethane	75-69-4	6.7	0.20	38	1.1	1
05298	1,2,3-Trichloropropane	96-18-4	N.D.	0.20	N.D.	1.2	1
05298	1,2,4-Trimethylbenzene	95-63-6	N.D.	0.20	N.D.	0.98	1
05298	1,3,5-Trimethylbenzene	108-67-8	N.D.	0.20	N.D.	0.98	1
05298	Vinyl Chloride	75-01-4	N.D.	0.20	N.D.	0.51	1
05298	m/p-Xylene	179601-23-1	0.28	J 0.20	1.2	J 0.87	1
05298	o-Xylene	95-47-6	0.29	J 0.20	1.3	J 0.87	1

MDL = Method Detection Limit

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/14

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
05298	TO 15 VOA Ext. List	EPA TO-15	1	D1330030AA	10/28/2013 08:52	Michael A Ziegler	1
05298	TO 15 VOA Ext. List	EPA TO-15	1	D1330030AA	10/28/2013 14:39	Michael A Ziegler	10

Sample Description: MP 1 Air
SummaCan# 1137
Avery Dennison / Flowery Branch, GA

LL Sample # AQ 7246191
LL Group # 1428121
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 10/16/2013 14:41 by NW

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

Submitted: 10/22/2013 09:30

Reported: 10/31/2013 15:12

CAT No.	Analysis Name	CAS Number	As Received Final Result		MDL	As Received Final Result		MDL	DF
Volatiles in Air		EPA TO-15	ppb(v)		ppb(v)	ug/m3		ug/m3	
05298	Acetone	67-64-1	6.2		0.50	15	1.2	1	
05298	Benzene	71-43-2	0.47	J	0.20	1.5	J	0.64	1
05298	Bromobenzene	108-86-1	N.D.		0.20	N.D.		1.3	1
05298	Bromodichloromethane	75-27-4	N.D.		0.20	N.D.		1.3	1
05298	Bromoform	75-25-2	N.D.		0.20	N.D.		2.1	1
05298	Bromomethane	74-83-9	N.D.		0.20	N.D.		0.78	1
05298	1,3-Butadiene	106-99-0	N.D.		0.50	N.D.		1.1	1
05298	2-Butanone	78-93-3	0.54	J	0.50	1.6	J	1.5	1
05298	Carbon Disulfide	75-15-0	1.4		0.50	4.5		1.6	1
05298	Carbon Tetrachloride	56-23-5	N.D.		0.20	N.D.		1.3	1
05298	Chlorobenzene	108-90-7	N.D.		0.20	N.D.		0.92	1
05298	Chlorodifluoromethane	75-45-6	0.82	J	0.20	2.9	J	0.71	1
05298	Chloroethane	75-00-3	N.D.		0.20	N.D.		0.53	1
05298	Chloroform	67-66-3	0.35	J	0.20	1.7	J	0.98	1
05298	Chloromethane	74-87-3	0.44	J	0.20	0.90	J	0.41	1
05298	3-Chloropropene	107-05-1	N.D.		0.20	N.D.		0.63	1
05298	Cumene	98-82-8	N.D.		0.20	N.D.		0.98	1
05298	Dibromochloromethane	124-48-1	N.D.		0.20	N.D.		1.7	1
05298	1,2-Dibromoethane	106-93-4	N.D.		0.20	N.D.		1.5	1
05298	Dibromomethane	74-95-3	N.D.		0.20	N.D.		1.4	1
05298	1,2-Dichlorobenzene	95-50-1	N.D.		0.20	N.D.		1.2	1
05298	1,3-Dichlorobenzene	541-73-1	N.D.		0.20	N.D.		1.2	1
05298	1,4-Dichlorobenzene	106-46-7	N.D.		0.20	N.D.		1.2	1
05298	Dichlorodifluoromethane	75-71-8	0.52	J	0.20	2.6	J	0.99	1
05298	1,1-Dichloroethane	75-34-3	66		0.20	270		0.81	1
05298	1,2-Dichloroethane	107-06-2	3.9		0.20	16		0.81	1
05298	1,1-Dichloroethene	75-35-4	1,500		5.0	6,100		20	25
05298	cis-1,2-Dichloroethene	156-59-2	N.D.		0.20	N.D.		0.79	1
05298	trans-1,2-Dichloroethene	156-60-5	N.D.		0.20	N.D.		0.79	1
05298	Dichlorofluoromethane	75-43-4	N.D.		0.20	N.D.		0.84	1
05298	1,2-Dichloropropane	78-87-5	N.D.		0.20	N.D.		0.92	1
05298	cis-1,3-Dichloropropene	10061-01-5	N.D.		0.20	N.D.		0.91	1
05298	trans-1,3-Dichloropropene	10061-02-6	N.D.		0.20	N.D.		0.91	1
05298	Ethylbenzene	100-41-4	0.26	J	0.20	1.1	J	0.87	1
05298	4-Ethyltoluene	622-96-8	N.D.		0.20	N.D.		0.98	1
05298	Freon 113	76-13-1	N.D.		0.50	N.D.		3.8	1
05298	Freon 114	76-14-2	0.37	J	0.20	2.6	J	1.4	1
05298	Heptane	142-82-5	N.D.		0.20	N.D.		0.82	1
05298	Hexachloroethane	67-72-1	N.D.		0.20	N.D.		1.9	1
05298	Hexane	110-54-3	0.23	J	0.20	0.80	J	0.70	1
05298	2-Hexanone	591-78-6	N.D.		0.50	N.D.		2.0	1
05298	Isooctane	540-84-1	N.D.		0.20	N.D.		0.93	1
05298	Methyl t-Butyl Ether	1634-04-4	N.D.		0.20	N.D.		0.72	1
05298	4-Methyl-2-Pentanone	108-10-1	N.D.		0.50	N.D.		2.0	1
05298	Methylene Chloride	75-09-2	2.7		0.20	9.3		0.69	1
05298	Octane	111-65-9	N.D.		0.20	N.D.		0.93	1
05298	Pentane	109-66-0	0.92	J	0.20	2.7	J	0.59	1
05298	Styrene	100-42-5	N.D.		0.20	N.D.		0.85	1
05298	1,1,1,2-Tetrachloroethane	630-20-6	N.D.		0.20	N.D.		1.4	1
05298	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		0.20	N.D.		1.4	1
05298	Tetrachloroethene	127-18-4	1.2		0.20	8.3		1.4	1

Sample Description: MP 1 Air
SummaCan# 1137
Avery Dennison / Flowery Branch, GA

LL Sample # AQ 7246191
LL Group # 1428121
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 10/16/2013 14:41 by NW

The Johnson Company, Inc.

Suite 600

Submitted: 10/22/2013 09:30

100 State Street

Reported: 10/31/2013 15:12

Montpelier VT 05602

CAT No.	Analysis Name	CAS Number	As Received Final Result	MDL	As Received Final Result	MDL	DF
Volatiles in Air		EPA TO-15	ppb(v)	ppb(v)	ug/m3	ug/m3	
05298	Toluene	108-88-3	2.3	0.20	8.6	0.75	1
05298	1,1,1-Trichloroethane	71-55-6	130 J	5.0	690 J	27	25
05298	1,1,2-Trichloroethane	79-00-5	1.9	0.20	10	1.1	1
05298	Trichloroethene	79-01-6	1.7	0.20	9.2	1.1	1
05298	Trichlorofluoromethane	75-69-4	7.0	0.20	39	1.1	1
05298	1,2,3-Trichloropropane	96-18-4	N.D.	0.20	N.D.	1.2	1
05298	1,2,4-Trimethylbenzene	95-63-6	N.D.	0.20	N.D.	0.98	1
05298	1,3,5-Trimethylbenzene	108-67-8	N.D.	0.20	N.D.	0.98	1
05298	Vinyl Chloride	75-01-4	0.86 J	0.20	2.2 J	0.51	1
05298	m/p-Xylene	179601-23-1	0.42 J	0.20	1.8 J	0.87	1
05298	o-Xylene	95-47-6	0.37 J	0.20	1.6 J	0.87	1

The LCS and/or LCSD recoveries are outside the stated QC window but within the marginal exceedance allowance of +/- 4 standard deviations as defined in the NELAC Standards. The following analytes are accepted based on this allowance:

carbon disulfide

MDL = Method Detection Limit

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/14

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
05298	TO 15 VOA Ext. List	EPA TO-15	1	D1330030AB	10/28/2013 20:40	Michael A Ziegler	1
05298	TO 15 VOA Ext. List	EPA TO-15	1	D1330030AB	10/29/2013 10:03	Michael A Ziegler	25

Sample Description: MW 64S Air
SummaCan# 837
Avery Dennison / Flowery Branch, GA

LL Sample # AQ 7246192
LL Group # 1428121
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 10/16/2013 14:38 by NW

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

Submitted: 10/22/2013 09:30

Reported: 10/31/2013 15:12

CAT No.	Analysis Name	CAS Number	As Received Final Result	MDL	As Received Final Result	MDL	DF
Volatiles in Air		EPA TO-15	ppb(v)	ppb(v)	ug/m3	ug/m3	
05298	Acetone	67-64-1	930 J	500	2,200 J	1,200	1000
05298	Benzene	71-43-2	N.D.	200	N.D.	640	1000
05298	Bromobenzene	108-86-1	N.D.	200	N.D.	1,300	1000
05298	Bromodichloromethane	75-27-4	N.D.	200	N.D.	1,300	1000
05298	Bromoform	75-25-2	N.D.	200	N.D.	2,100	1000
05298	Bromomethane	74-83-9	N.D.	200	N.D.	780	1000
05298	1,3-Butadiene	106-99-0	N.D.	500	N.D.	1,100	1000
05298	2-Butanone	78-93-3	N.D.	500	N.D.	1,500	1000
05298	Carbon Disulfide	75-15-0	N.D.	500	N.D.	1,600	1000
05298	Carbon Tetrachloride	56-23-5	N.D.	200	N.D.	1,300	1000
05298	Chlorobenzene	108-90-7	N.D.	200	N.D.	920	1000
05298	Chlorodifluoromethane	75-45-6	N.D.	200	N.D.	710	1000
05298	Chloroethane	75-00-3	N.D.	200	N.D.	530	1000
05298	Chloroform	67-66-3	N.D.	200	N.D.	980	1000
05298	Chloromethane	74-87-3	N.D.	200	N.D.	410	1000
05298	3-Chloropropene	107-05-1	N.D.	200	N.D.	630	1000
05298	Cumene	98-82-8	N.D.	200	N.D.	980	1000
05298	Dibromochloromethane	124-48-1	N.D.	200	N.D.	1,700	1000
05298	1,2-Dibromoethane	106-93-4	N.D.	200	N.D.	1,500	1000
05298	Dibromomethane	74-95-3	N.D.	200	N.D.	1,400	1000
05298	1,2-Dichlorobenzene	95-50-1	N.D.	200	N.D.	1,200	1000
05298	1,3-Dichlorobenzene	541-73-1	N.D.	200	N.D.	1,200	1000
05298	1,4-Dichlorobenzene	106-46-7	N.D.	200	N.D.	1,200	1000
05298	Dichlorodifluoromethane	75-71-8	N.D.	200	N.D.	990	1000
05298	1,1-Dichloroethane	75-34-3	2,000 J	200	8,100 J	810	1000
05298	1,2-Dichloroethane	107-06-2	N.D.	200	N.D.	810	1000
05298	1,1-Dichloroethene	75-35-4	1,100,000	20,000	4,300,000	79,000	100000
05298	cis-1,2-Dichloroethene	156-59-2	N.D.	200	N.D.	790	1000
05298	trans-1,2-Dichloroethene	156-60-5	N.D.	200	N.D.	790	1000
05298	Dichlorofluoromethane	75-43-4	N.D.	200	N.D.	840	1000
05298	1,2-Dichloropropane	78-87-5	N.D.	200	N.D.	920	1000
05298	cis-1,3-Dichloropropene	10061-01-5	N.D.	200	N.D.	910	1000
05298	trans-1,3-Dichloropropene	10061-02-6	N.D.	200	N.D.	910	1000
05298	Ethylbenzene	100-41-4	250 J	200	1,100 J	870	1000
05298	4-Ethyltoluene	622-96-8	N.D.	200	N.D.	980	1000
05298	Freon 113	76-13-1	N.D.	500	N.D.	3,800	1000
05298	Freon 114	76-14-2	N.D.	200	N.D.	1,400	1000
05298	Heptane	142-82-5	N.D.	200	N.D.	820	1000
05298	Hexachloroethane	67-72-1	N.D.	200	N.D.	1,900	1000
05298	Hexane	110-54-3	N.D.	200	N.D.	700	1000
05298	2-Hexanone	591-78-6	N.D.	500	N.D.	2,000	1000
05298	Isooctane	540-84-1	N.D.	200	N.D.	930	1000
05298	Methyl t-Butyl Ether	1634-04-4	N.D.	200	N.D.	720	1000
05298	4-Methyl-2-Pentanone	108-10-1	N.D.	500	N.D.	2,000	1000
05298	Methylene Chloride	75-09-2	230 J	200	800 J	690	1000
05298	Octane	111-65-9	N.D.	200	N.D.	930	1000
05298	Pentane	109-66-0	N.D.	200	N.D.	590	1000
05298	Styrene	100-42-5	N.D.	200	N.D.	850	1000
05298	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	200	N.D.	1,400	1000
05298	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	200	N.D.	1,400	1000
05298	Tetrachloroethene	127-18-4	N.D.	200	N.D.	1,400	1000

2425 New Holland Pike, Lancaster, PA 17601 • 717-656-2300 • Fax: 717-656-2681 • www.LancasterLabs.com

Sample Description: MW 64S Air
SummaCan# 837
Avery Dennison / Flowery Branch, GA

LL Sample # AQ 7246192
LL Group # 1428121
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 10/16/2013 14:38 by NW

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

Submitted: 10/22/2013 09:30

Reported: 10/31/2013 15:12

CAT No.	Analysis Name	CAS Number	As Received Final Result	MDL	As Received Final Result	MDL	DF
Volatiles in Air		EPA TO-15	ppb(v)	ppb(v)	ug/m3	ug/m3	
05298	Toluene	108-88-3	N.D.	200	N.D.	750	1000
05298	1,1,1-Trichloroethane	71-55-6	24,000	200	130,000	1,100	1000
05298	1,1,2-Trichloroethane	79-00-5	N.D.	200	N.D.	1,100	1000
05298	Trichloroethene	79-01-6	N.D.	200	N.D.	1,100	1000
05298	Trichlorofluoromethane	75-69-4	N.D.	200	N.D.	1,100	1000
05298	1,2,3-Trichloropropane	96-18-4	N.D.	200	N.D.	1,200	1000
05298	1,2,4-Trimethylbenzene	95-63-6	N.D.	200	N.D.	980	1000
05298	1,3,5-Trimethylbenzene	108-67-8	N.D.	200	N.D.	980	1000
05298	Vinyl Chloride	75-01-4	240	J 200	600	J 510	1000
05298	m/p-Xylene	179601-23-1	260	J 200	1,100	J 870	1000
05298	o-Xylene	95-47-6	260	J 200	1,100	J 870	1000

MDL = Method Detection Limit

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/14

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
05298	TO 15 VOA Ext. List	EPA TO-15	1	D1330030AB	10/28/2013 21:23	Michael A Ziegler	1000
05298	TO 15 VOA Ext. List	EPA TO-15	1	D1330030AB	10/29/2013 10:46	Michael A Ziegler	100000

Sample Description: MW 64 Air
SummaCan# 823
Avery Dennison / Flowery Branch, GA

LL Sample # AQ 7246193
LL Group # 1428121
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 10/16/2013 14:43 by NW

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

Submitted: 10/22/2013 09:30

Reported: 10/31/2013 15:12

CAT No.	Analysis Name	CAS Number	As Received Final Result	MDL	As Received Final Result	MDL	DF
Volatiles in Air		EPA TO-15	ppb(v)	ppb(v)	ug/m3	ug/m3	
05298	Acetone	67-64-1	7.8 J	5.0	19 J	12	10
05298	Benzene	71-43-2	N.D.	2.0	N.D.	6.4	10
05298	Bromobenzene	108-86-1	N.D.	2.0	N.D.	13	10
05298	Bromodichloromethane	75-27-4	N.D.	2.0	N.D.	13	10
05298	Bromoform	75-25-2	N.D.	2.0	N.D.	21	10
05298	Bromomethane	74-83-9	N.D.	2.0	N.D.	7.8	10
05298	1,3-Butadiene	106-99-0	N.D.	5.0	N.D.	11	10
05298	2-Butanone	78-93-3	N.D.	5.0	N.D.	15	10
05298	Carbon Disulfide	75-15-0	N.D.	5.0	N.D.	16	10
05298	Carbon Tetrachloride	56-23-5	N.D.	2.0	N.D.	13	10
05298	Chlorobenzene	108-90-7	N.D.	2.0	N.D.	9.2	10
05298	Chlorodifluoromethane	75-45-6	N.D.	2.0	N.D.	7.1	10
05298	Chloroethane	75-00-3	N.D.	2.0	N.D.	5.3	10
05298	Chloroform	67-66-3	N.D.	2.0	N.D.	9.8	10
05298	Chloromethane	74-87-3	N.D.	2.0	N.D.	4.1	10
05298	3-Chloropropene	107-05-1	N.D.	2.0	N.D.	6.3	10
05298	Cumene	98-82-8	N.D.	2.0	N.D.	9.8	10
05298	Dibromochloromethane	124-48-1	N.D.	2.0	N.D.	17	10
05298	1,2-Dibromoethane	106-93-4	N.D.	2.0	N.D.	15	10
05298	Dibromomethane	74-95-3	N.D.	2.0	N.D.	14	10
05298	1,2-Dichlorobenzene	95-50-1	N.D.	2.0	N.D.	12	10
05298	1,3-Dichlorobenzene	541-73-1	N.D.	2.0	N.D.	12	10
05298	1,4-Dichlorobenzene	106-46-7	N.D.	2.0	N.D.	12	10
05298	Dichlorodifluoromethane	75-71-8	N.D.	2.0	N.D.	9.9	10
05298	1,1-Dichloroethane	75-34-3	150	2.0	600	8.1	10
05298	1,2-Dichloroethane	107-06-2	N.D.	2.0	N.D.	8.1	10
05298	1,1-Dichloroethene	75-35-4	3,900	100	16,000	400	500
05298	cis-1,2-Dichloroethene	156-59-2	N.D.	2.0	N.D.	7.9	10
05298	trans-1,2-Dichloroethene	156-60-5	N.D.	2.0	N.D.	7.9	10
05298	Dichlorofluoromethane	75-43-4	N.D.	2.0	N.D.	8.4	10
05298	1,2-Dichloropropane	78-87-5	N.D.	2.0	N.D.	9.2	10
05298	cis-1,3-Dichloropropene	10061-01-5	N.D.	2.0	N.D.	9.1	10
05298	trans-1,3-Dichloropropene	10061-02-6	N.D.	2.0	N.D.	9.1	10
05298	Ethylbenzene	100-41-4	N.D.	2.0	N.D.	8.7	10
05298	4-Ethyltoluene	622-96-8	N.D.	2.0	N.D.	9.8	10
05298	Freon 113	76-13-1	N.D.	5.0	N.D.	38	10
05298	Freon 114	76-14-2	N.D.	2.0	N.D.	14	10
05298	Heptane	142-82-5	N.D.	2.0	N.D.	8.2	10
05298	Hexachloroethane	67-72-1	N.D.	2.0	N.D.	19	10
05298	Hexane	110-54-3	N.D.	2.0	N.D.	7.0	10
05298	2-Hexanone	591-78-6	N.D.	5.0	N.D.	20	10
05298	Isooctane	540-84-1	N.D.	2.0	N.D.	9.3	10
05298	Methyl t-Butyl Ether	1634-04-4	N.D.	2.0	N.D.	7.2	10
05298	4-Methyl-2-Pentanone	108-10-1	N.D.	5.0	N.D.	20	10
05298	Methylene Chloride	75-09-2	3.5 J	2.0	12 J	6.9	10
05298	Octane	111-65-9	N.D.	2.0	N.D.	9.3	10
05298	Pentane	109-66-0	N.D.	2.0	N.D.	5.9	10
05298	Styrene	100-42-5	N.D.	2.0	N.D.	8.5	10
05298	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	2.0	N.D.	14	10
05298	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	2.0	N.D.	14	10
05298	Tetrachloroethene	127-18-4	N.D.	2.0	N.D.	14	10

Sample Description: MW 64 Air
SummaCan# 823
Avery Dennison / Flowery Branch, GA

LL Sample # AQ 7246193
LL Group # 1428121
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 10/16/2013 14:43 by NW

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

Submitted: 10/22/2013 09:30

Reported: 10/31/2013 15:12

CAT No.	Analysis Name	CAS Number	As Received Final Result	MDL	As Received Final Result	MDL	DF
Volatiles in Air		EPA TO-15	ppb(v)	ppb(v)	ug/m3	ug/m3	
05298	Toluene	108-88-3	4.0 J	2.0	15 J	7.5	10
05298	1,1,1-Trichloroethane	71-55-6	540	2.0	3,000	11	10
05298	1,1,2-Trichloroethane	79-00-5	N.D.	2.0	N.D.	11	10
05298	Trichloroethene	79-01-6	3.1 J	2.0	17 J	11	10
05298	Trichlorofluoromethane	75-69-4	8.3 J	2.0	47 J	11	10
05298	1,2,3-Trichloropropane	96-18-4	N.D.	2.0	N.D.	12	10
05298	1,2,4-Trimethylbenzene	95-63-6	N.D.	2.0	N.D.	9.8	10
05298	1,3,5-Trimethylbenzene	108-67-8	N.D.	2.0	N.D.	9.8	10
05298	Vinyl Chloride	75-01-4	7.3 J	2.0	19 J	5.1	10
05298	m/p-Xylene	179601-23-1	N.D.	2.0	N.D.	8.7	10
05298	o-Xylene	95-47-6	N.D.	2.0	N.D.	8.7	10

MDL = Method Detection Limit

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/14

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
05298	TO 15 VOA Ext. List	EPA TO-15	1	D1330030AB	10/28/2013 22:06	Michael A Ziegler	10
05298	TO 15 VOA Ext. List	EPA TO-15	1	D1330030AB	10/29/2013 11:32	Michael A Ziegler	500

Sample Description: VW 5 Air
SummaCan# 839
Avery Dennison / Flowery Branch, GA

LL Sample # AQ 7246194
LL Group # 1428121
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 10/16/2013 14:40 by NW

The Johnson Company, Inc.

Suite 600

Submitted: 10/22/2013 09:30

100 State Street

Reported: 10/31/2013 15:12

Montpelier VT 05602

CAT No.	Analysis Name	CAS Number	As Received Final Result	MDL	As Received Final Result	MDL	DF
Volatiles in Air		EPA TO-15	ppb(v)	ppb(v)	ug/m3	ug/m3	
05298	Acetone	67-64-1	21	0.50	50	1.2	1
05298	Benzene	71-43-2	2.2	0.20	7.1	0.64	1
05298	Bromobenzene	108-86-1	N.D.	0.20	N.D.	1.3	1
05298	Bromodichloromethane	75-27-4	N.D.	0.20	N.D.	1.3	1
05298	Bromoform	75-25-2	N.D.	0.20	N.D.	2.1	1
05298	Bromomethane	74-83-9	N.D.	0.20	N.D.	0.78	1
05298	1,3-Butadiene	106-99-0	N.D.	0.50	N.D.	1.1	1
05298	2-Butanone	78-93-3	15	0.50	44	1.5	1
05298	Carbon Disulfide	75-15-0	7.8	0.50	24	1.6	1
05298	Carbon Tetrachloride	56-23-5	N.D.	0.20	N.D.	1.3	1
05298	Chlorobenzene	108-90-7	N.D.	0.20	N.D.	0.92	1
05298	Chlorodifluoromethane	75-45-6	N.D.	0.20	N.D.	0.71	1
05298	Chloroethane	75-00-3	N.D.	0.20	N.D.	0.53	1
05298	Chloroform	67-66-3	1.7	0.20	8.5	0.98	1
05298	Chloromethane	74-87-3	0.82 J	0.20	1.7 J	0.41	1
05298	3-Chloropropene	107-05-1	N.D.	0.20	N.D.	0.63	1
05298	Cumene	98-82-8	0.58 J	0.20	2.9 J	0.98	1
05298	Dibromochloromethane	124-48-1	N.D.	0.20	N.D.	1.7	1
05298	1,2-Dibromoethane	106-93-4	N.D.	0.20	N.D.	1.5	1
05298	Dibromomethane	74-95-3	N.D.	0.20	N.D.	1.4	1
05298	1,2-Dichlorobenzene	95-50-1	N.D.	0.20	N.D.	1.2	1
05298	1,3-Dichlorobenzene	541-73-1	N.D.	0.20	N.D.	1.2	1
05298	1,4-Dichlorobenzene	106-46-7	N.D.	0.20	N.D.	1.2	1
05298	Dichlorodifluoromethane	75-71-8	0.50 J	0.20	2.5 J	0.99	1
05298	1,1-Dichloroethane	75-34-3	210	20	840	81	100
05298	1,2-Dichloroethane	107-06-2	24	0.20	96	0.81	1
05298	1,1-Dichloroethene	75-35-4	4,800	20	19,000	79	100
05298	cis-1,2-Dichloroethene	156-59-2	0.50 J	0.20	2.0 J	0.79	1
05298	trans-1,2-Dichloroethene	156-60-5	0.41 J	0.20	1.6 J	0.79	1
05298	Dichlorofluoromethane	75-43-4	0.25 J	0.20	1.1 J	0.84	1
05298	1,2-Dichloropropane	78-87-5	N.D.	0.20	N.D.	0.92	1
05298	cis-1,3-Dichloropropene	10061-01-5	N.D.	0.20	N.D.	0.91	1
05298	trans-1,3-Dichloropropene	10061-02-6	N.D.	0.20	N.D.	0.91	1
05298	Ethylbenzene	100-41-4	0.58 J	0.20	2.5 J	0.87	1
05298	4-Ethyltoluene	622-96-8	N.D.	0.20	N.D.	0.98	1
05298	Freon 113	76-13-1	N.D.	0.50	N.D.	3.8	1
05298	Freon 114	76-14-2	N.D.	0.20	N.D.	1.4	1
05298	Heptane	142-82-5	0.28 J	0.20	1.2 J	0.82	1
05298	Hexachloroethane	67-72-1	N.D.	0.20	N.D.	1.9	1
05298	Hexane	110-54-3	0.42 J	0.20	1.5 J	0.70	1
05298	2-Hexanone	591-78-6	N.D.	0.50	N.D.	2.0	1
05298	Isooctane	540-84-1	0.34 J	0.20	1.6 J	0.93	1
05298	Methyl t-Butyl Ether	1634-04-4	0.23 J	0.20	0.83 J	0.72	1
05298	4-Methyl-2-Pentanone	108-10-1	N.D.	0.50	N.D.	2.0	1
05298	Methylene Chloride	75-09-2	3.5	0.20	12	0.69	1
05298	Octane	111-65-9	N.D.	0.20	N.D.	0.93	1
05298	Pentane	109-66-0	1.4	0.20	4.1	0.59	1
05298	Styrene	100-42-5	N.D.	0.20	N.D.	0.85	1
05298	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	0.20	N.D.	1.4	1
05298	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	0.20	N.D.	1.4	1
05298	Tetrachloroethene	127-18-4	5.1	0.20	35	1.4	1

Sample Description: VW 5 Air
SummaCan# 839
Avery Dennison / Flowery Branch, GA

LL Sample # AQ 7246194
LL Group # 1428121
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 10/16/2013 14:40 by NW

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

Submitted: 10/22/2013 09:30

Reported: 10/31/2013 15:12

CAT No.	Analysis Name	CAS Number	As Received Final Result	MDL	As Received Final Result	MDL	DF
Volatiles in Air			ppb(v)		ug/m3		
EPA TO-15			ppb(v)		ug/m3		
05298	Toluene	108-88-3	57	0.20	220	0.75	1
05298	1,1,1-Trichloroethane	71-55-6	950	20	5,200	110	100
05298	1,1,2-Trichloroethane	79-00-5	9.9	0.20	54	1.1	1
05298	Trichloroethene	79-01-6	9.5	0.20	51	1.1	1
05298	Trichlorofluoromethane	75-69-4	8.3	0.20	46	1.1	1
05298	1,2,3-Trichloropropane	96-18-4	N.D.	0.20	N.D.	1.2	1
05298	1,2,4-Trimethylbenzene	95-63-6	0.22 J	0.20	1.1 J	0.98	1
05298	1,3,5-Trimethylbenzene	108-67-8	N.D.	0.20	N.D.	0.98	1
05298	Vinyl Chloride	75-01-4	2.0	0.20	5.0	0.51	1
05298	m/p-Xylene	179601-23-1	1.4	0.20	6.2	0.87	1
05298	o-Xylene	95-47-6	0.93 J	0.20	4.0 J	0.87	1

MDL = Method Detection Limit

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/14

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
05298	TO 15 VOA Ext. List	EPA TO-15	1	C1330130AB	10/29/2013 18:54	Michael A Ziegler	1
05298	TO 15 VOA Ext. List	EPA TO-15	1	C1330130AB	10/30/2013 01:57	Michael A Ziegler	100

Sample Description: SVE Exhaust Air
SummaCan# 911
Avery Dennison / Flowery Branch, GA

LL Sample # AQ 7246195
LL Group # 1428121
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 10/16/2013 14:59 by NW

The Johnson Company, Inc.

Suite 600

Submitted: 10/22/2013 09:30

100 State Street

Reported: 10/31/2013 15:12

Montpelier VT 05602

CAT No.	Analysis Name	CAS Number	As Received Final Result	MDL	As Received Final Result	MDL	DF
Volatiles in Air			ppb(v)	ppb(v)	ug/m3	ug/m3	
EPA TO-15							
05298	Acetone	67-64-1	N.D.	0.50	N.D.	1.2	1
05298	Benzene	71-43-2	N.D.	0.20	N.D.	0.64	1
05298	Bromobenzene	108-86-1	N.D.	0.20	N.D.	1.3	1
05298	Bromodichloromethane	75-27-4	N.D.	0.20	N.D.	1.3	1
05298	Bromoform	75-25-2	N.D.	0.20	N.D.	2.1	1
05298	Bromomethane	74-83-9	N.D.	0.20	N.D.	0.78	1
05298	1,3-Butadiene	106-99-0	N.D.	0.50	N.D.	1.1	1
05298	2-Butanone	78-93-3	N.D.	0.50	N.D.	1.5	1
05298	Carbon Disulfide	75-15-0	N.D.	0.50	N.D.	1.6	1
05298	Carbon Tetrachloride	56-23-5	N.D.	0.20	N.D.	1.3	1
05298	Chlorobenzene	108-90-7	N.D.	0.20	N.D.	0.92	1
05298	Chlorodifluoromethane	75-45-6	N.D.	0.20	N.D.	0.71	1
05298	Chloroethane	75-00-3	N.D.	0.20	N.D.	0.53	1
05298	Chloroform	67-66-3	N.D.	0.20	N.D.	0.98	1
05298	Chloromethane	74-87-3	N.D.	0.20	N.D.	0.41	1
05298	3-Chloropropene	107-05-1	N.D.	0.20	N.D.	0.63	1
05298	Cumene	98-82-8	N.D.	0.20	N.D.	0.98	1
05298	Dibromochloromethane	124-48-1	N.D.	0.20	N.D.	1.7	1
05298	1,2-Dibromoethane	106-93-4	N.D.	0.20	N.D.	1.5	1
05298	Dibromomethane	74-95-3	N.D.	0.20	N.D.	1.4	1
05298	1,2-Dichlorobenzene	95-50-1	N.D.	0.20	N.D.	1.2	1
05298	1,3-Dichlorobenzene	541-73-1	N.D.	0.20	N.D.	1.2	1
05298	1,4-Dichlorobenzene	106-46-7	N.D.	0.20	N.D.	1.2	1
05298	Dichlorodifluoromethane	75-71-8	N.D.	0.20	N.D.	0.99	1
05298	1,1-Dichloroethane	75-34-3	N.D.	0.20	N.D.	0.81	1
05298	1,2-Dichloroethane	107-06-2	N.D.	0.20	N.D.	0.81	1
05298	1,1-Dichloroethene	75-35-4	N.D.	0.20	N.D.	0.79	1
05298	cis-1,2-Dichloroethene	156-59-2	N.D.	0.20	N.D.	0.79	1
05298	trans-1,2-Dichloroethene	156-60-5	N.D.	0.20	N.D.	0.79	1
05298	Dichlorofluoromethane	75-43-4	N.D.	0.20	N.D.	0.84	1
05298	1,2-Dichloropropane	78-87-5	N.D.	0.20	N.D.	0.92	1
05298	cis-1,3-Dichloropropene	10061-01-5	N.D.	0.20	N.D.	0.91	1
05298	trans-1,3-Dichloropropene	10061-02-6	N.D.	0.20	N.D.	0.91	1
05298	Ethylbenzene	100-41-4	N.D.	0.20	N.D.	0.87	1
05298	4-Ethyltoluene	622-96-8	N.D.	0.20	N.D.	0.98	1
05298	Freon 113	76-13-1	N.D.	0.50	N.D.	3.8	1
05298	Freon 114	76-14-2	N.D.	0.20	N.D.	1.4	1
05298	Heptane	142-82-5	N.D.	0.20	N.D.	0.82	1
05298	Hexachloroethane	67-72-1	N.D.	0.20	N.D.	1.9	1
05298	Hexane	110-54-3	N.D.	0.20	N.D.	0.70	1
05298	2-Hexanone	591-78-6	N.D.	0.50	N.D.	2.0	1
05298	Isooctane	540-84-1	N.D.	0.20	N.D.	0.93	1
05298	Methyl t-Butyl Ether	1634-04-4	N.D.	0.20	N.D.	0.72	1
05298	4-Methyl-2-Pentanone	108-10-1	N.D.	0.50	N.D.	2.0	1
05298	Methylene Chloride	75-09-2	N.D.	0.20	N.D.	0.69	1
05298	Octane	111-65-9	N.D.	0.20	N.D.	0.93	1
05298	Pentane	109-66-0	N.D.	0.20	N.D.	0.59	1
05298	Styrene	100-42-5	N.D.	0.20	N.D.	0.85	1
05298	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	0.20	N.D.	1.4	1
05298	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	0.20	N.D.	1.4	1
05298	Tetrachloroethene	127-18-4	N.D.	0.20	N.D.	1.4	1

Sample Description: SVE Exhaust Air
SummaCan# 911
Avery Dennison / Flowery Branch, GA

LL Sample # AQ 7246195
LL Group # 1428121
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 10/16/2013 14:59 by NW

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

Submitted: 10/22/2013 09:30

Reported: 10/31/2013 15:12

CAT No.	Analysis Name	CAS Number	As Received Final Result	MDL	As Received Final Result	MDL	DF
Volatiles in Air			ppb(v)		ug/m3		
	EPA TO-15						
05298	Toluene	108-88-3	N.D.	0.20	N.D.	0.75	1
05298	1,1,1-Trichloroethane	71-55-6	N.D.	0.20	N.D.	1.1	1
05298	1,1,2-Trichloroethane	79-00-5	N.D.	0.20	N.D.	1.1	1
05298	Trichloroethene	79-01-6	N.D.	0.20	N.D.	1.1	1
05298	Trichlorofluoromethane	75-69-4	N.D.	0.20	N.D.	1.1	1
05298	1,2,3-Trichloropropane	96-18-4	N.D.	0.20	N.D.	1.2	1
05298	1,2,4-Trimethylbenzene	95-63-6	N.D.	0.20	N.D.	0.98	1
05298	1,3,5-Trimethylbenzene	108-67-8	N.D.	0.20	N.D.	0.98	1
05298	Vinyl Chloride	75-01-4	N.D.	0.20	N.D.	0.51	1
05298	m/p-Xylene	179601-23-1	N.D.	0.20	N.D.	0.87	1
05298	o-Xylene	95-47-6	N.D.	0.20	N.D.	0.87	1

MDL = Method Detection Limit

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/14

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
05298	TO 15 VOA Ext. List	EPA TO-15	1	D1330030AB	10/28/2013 22:53	Michael A Ziegler	1

Quality Control Summary

Client Name: The Johnson Company, Inc.
Reported: 10/31/13 at 03:12 PM

Group Number: 1428121

Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

All Inorganic Initial Calibration and Continuing Calibration Blanks met acceptable method criteria unless otherwise noted on the Analysis Report.

Laboratory Compliance Quality Control

<u>Analysis Name</u>	<u>Blank Result</u>	<u>Blank MDL</u>	<u>Report Units</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>LCS/LCSD Limits</u>	<u>RPD</u>	<u>RPD Max</u>
Batch number: C1330130AB	Sample number(s): 7246194							
Acetone	N.D.	0.50	ppb (v)	100	111	61-134	10	25
Benzene	N.D.	0.20	ppb (v)	84	89	70-130	6	25
Bromobenzene	N.D.	0.20	ppb (v)					
Bromodichloromethane	N.D.	0.20	ppb (v)	83	89	70-129	7	25
Bromoform	N.D.	0.20	ppb (v)	80	85	64-141	5	25
Bromomethane	N.D.	0.20	ppb (v)	91	98	70-130	7	25
1,3-Butadiene	N.D.	0.50	ppb (v)	91	99	66-129	8	25
2-Butanone	N.D.	0.50	ppb (v)	95	105	55-131	10	25
Carbon Disulfide	N.D.	0.50	ppb (v)	99	106	57-107	7	25
Carbon Tetrachloride	N.D.	0.20	ppb (v)	89	95	70-130	6	25
Chlorobenzene	N.D.	0.20	ppb (v)	82	85	70-130	4	25
Chlorodifluoromethane	N.D.	0.20	ppb (v)					
Chloroethane	N.D.	0.20	ppb (v)	97	97	70-131	0	25
Chloroform	N.D.	0.20	ppb (v)	85	91	70-130	7	25
Chloromethane	N.D.	0.20	ppb (v)	88	96	64-133	8	25
3-Chloropropene	N.D.	0.20	ppb (v)					
Cumene	N.D.	0.20	ppb (v)					
Dibromochloromethane	N.D.	0.20	ppb (v)	82	86	65-127	5	25
1,2-Dibromoethane	N.D.	0.20	ppb (v)	87	90	65-126	4	25
Dibromomethane	N.D.	0.20	ppb (v)					
1,2-Dichlorobenzene	N.D.	0.20	ppb (v)	75	83	62-132	9	25
1,3-Dichlorobenzene	N.D.	0.20	ppb (v)	77	82	63-125	6	25
1,4-Dichlorobenzene	N.D.	0.20	ppb (v)	78	82	63-127	5	25
Dichlorodifluoromethane	N.D.	0.20	ppb (v)	93	101	69-143	9	25
1,1-Dichloroethane	N.D.	0.20	ppb (v)	88	92	67-124	5	25
1,2-Dichloroethane	N.D.	0.20	ppb (v)	88	95	70-130	7	25
1,1-Dichloroethene	N.D.	0.20	ppb (v)	102	107	64-119	4	25
cis-1,2-Dichloroethene	N.D.	0.20	ppb (v)	89	94	65-121	5	25
trans-1,2-Dichloroethene	N.D.	0.20	ppb (v)	103	106	66-121	3	25
Dichlorofluoromethane	N.D.	0.20	ppb (v)					
1,2-Dichloropropane	N.D.	0.20	ppb (v)	89	93	70-130	4	25
cis-1,3-Dichloropropene	N.D.	0.20	ppb (v)	94	99	64-125	5	25
trans-1,3-Dichloropropene	N.D.	0.20	ppb (v)	88	92	61-126	4	25
Ethylbenzene	N.D.	0.20	ppb (v)	82	85	70-130	4	25
4-Ethyltoluene	N.D.	0.20	ppb (v)	78	86	59-126	10	25
Freon 113	N.D.	0.50	ppb (v)	100	101	63-114	1	25
Freon 114	N.D.	0.20	ppb (v)	91	98	63-123	8	25
Heptane	N.D.	0.20	ppb (v)	87	91	65-119	5	25
Hexachloroethane	N.D.	0.20	ppb (v)					
Hexane	N.D.	0.20	ppb (v)	90	93	63-117	3	25
2-Hexanone	N.D.	0.50	ppb (v)	120	132	41-152	10	25
Isooctane	N.D.	0.20	ppb (v)					
Methyl t-Butyl Ether	N.D.	0.20	ppb (v)	91	101	60-121	10	25

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: The Johnson Company, Inc.
Reported: 10/31/13 at 03:12 PM

Group Number: 1428121

<u>Analysis Name</u>	<u>Blank Result</u>	<u>Blank MDL</u>	<u>Report Units</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>LCS/LCSD Limits</u>	<u>RPD</u>	<u>RPD Max</u>
4-Methyl-2-Pentanone	N.D.	0.50	ppb (v)	106	122	53-140	14	25
Methylene Chloride	N.D.	0.20	ppb (v)	104	107	70-130	3	25
Octane	N.D.	0.20	ppb (v)					
Pentane	N.D.	0.20	ppb (v)					
Styrene	N.D.	0.20	ppb (v)	81	86	64-130	5	25
1,1,1,2-Tetrachloroethane	N.D.	0.20	ppb (v)					
1,1,2,2-Tetrachloroethane	N.D.	0.20	ppb (v)	83	90	58-133	8	25
Tetrachloroethene	N.D.	0.20	ppb (v)	76	80	70-130	5	25
Toluene	N.D.	0.20	ppb (v)	83	85	70-130	3	25
1,1,1-Trichloroethane	N.D.	0.20	ppb (v)	87	94	70-130	7	25
1,1,2-Trichloroethane	N.D.	0.20	ppb (v)	83	87	65-125	4	25
Trichloroethene	N.D.	0.20	ppb (v)	78	84	70-130	7	25
Trichlorofluoromethane	N.D.	0.20	ppb (v)	98	107	70-130	9	25
1,2,3-Trichloropropane	N.D.	0.20	ppb (v)					
1,2,4-Trimethylbenzene	N.D.	0.20	ppb (v)	77	85	60-128	10	25
1,3,5-Trimethylbenzene	N.D.	0.20	ppb (v)	78	86	61-132	10	25
Vinyl Chloride	N.D.	0.20	ppb (v)	94	101	70-130	7	25
m/p-Xylene	N.D.	0.20	ppb (v)	75	79	70-130	5	25
o-Xylene	N.D.	0.20	ppb (v)	75	80	70-130	6	25
Batch number: D1330030AA Sample number(s): 7246188-7246190								
Acetone	N.D.	0.50	ppb (v)	98	107	61-134	9	25
Benzene	N.D.	0.20	ppb (v)	85	89	70-130	5	25
Bromobenzene	N.D.	0.20	ppb (v)					
Bromodichloromethane	N.D.	0.20	ppb (v)	78	82	70-129	6	25
Bromoform	N.D.	0.20	ppb (v)	83	86	64-141	4	25
Bromomethane	N.D.	0.20	ppb (v)	102	108	70-130	5	25
1,3-Butadiene	N.D.	0.40	ppb (v)	111	119	66-129	7	25
2-Butanone	N.D.	0.50	ppb (v)	100	109	55-131	8	25
Carbon Disulfide	N.D.	0.50	ppb (v)	105	108*	57-107	3	25
Carbon Tetrachloride	N.D.	0.20	ppb (v)	81	86	70-130	6	25
Chlorobenzene	N.D.	0.20	ppb (v)	87	89	70-130	2	25
Chlorodifluoromethane	N.D.	0.20	ppb (v)					
Chloroethane	N.D.	0.20	ppb (v)	82	87	70-131	6	25
Chloroform	N.D.	0.20	ppb (v)	79	83	70-130	5	25
Chloromethane	N.D.	0.20	ppb (v)	92	109	64-133	17	25
3-Chloropropene	N.D.	0.20	ppb (v)					
Cumene	N.D.	0.20	ppb (v)					
Dibromochloromethane	N.D.	0.20	ppb (v)	86	88	65-127	2	25
1,2-Dibromoethane	N.D.	0.20	ppb (v)	90	93	65-126	2	25
Dibromomethane	N.D.	0.20	ppb (v)					
1,2-Dichlorobenzene	N.D.	0.20	ppb (v)	80	85	62-132	6	25
1,3-Dichlorobenzene	N.D.	0.20	ppb (v)	73	79	63-125	7	25
1,4-Dichlorobenzene	N.D.	0.20	ppb (v)	79	84	63-127	7	25
Dichlorodifluoromethane	N.D.	0.20	ppb (v)	103	108	69-143	4	25
1,1-Dichloroethane	N.D.	0.20	ppb (v)	81	86	67-124	5	25
1,2-Dichloroethane	N.D.	0.20	ppb (v)	84	90	70-130	7	25
1,1-Dichloroethene	N.D.	0.20	ppb (v)	93	101	64-119	8	25
cis-1,2-Dichloroethene	N.D.	0.20	ppb (v)	82	87	65-121	6	25
trans-1,2-Dichloroethene	N.D.	0.20	ppb (v)	81	86	66-121	6	25
Dichlorofluoromethane	N.D.	0.20	ppb (v)					
1,2-Dichloropropane	N.D.	0.20	ppb (v)	82	86	70-130	5	25
cis-1,3-Dichloropropene	N.D.	0.20	ppb (v)	101	109	64-125	7	25
trans-1,3-Dichloropropene	N.D.	0.20	ppb (v)	87	90	61-126	4	25
Ethylbenzene	N.D.	0.20	ppb (v)	93	95	70-130	2	25
4-Ethyltoluene	N.D.	0.20	ppb (v)	91	103	59-126	12	25

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: The Johnson Company, Inc.
Reported: 10/31/13 at 03:12 PM

Group Number: 1428121

<u>Analysis Name</u>	<u>Blank Result</u>	<u>Blank MDL</u>	<u>Report Units</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>LCS/LCSD Limits</u>	<u>RPD</u>	<u>RPD Max</u>
Freon 113	N.D.	0.50	ppb (v)	78	84	63-114	7	25
Freon 114	N.D.	0.20	ppb (v)	97	103	63-123	5	25
Heptane	N.D.	0.20	ppb (v)	88	93	65-119	5	25
Hexachloroethane	N.D.	0.20	ppb (v)					
Hexane	N.D.	0.20	ppb (v)	85	90	63-117	5	25
2-Hexanone	N.D.	0.50	ppb (v)	139	153*	41-152	9	25
Isooctane	N.D.	0.20	ppb (v)					
Methyl t-Butyl Ether	N.D.	0.20	ppb (v)	88	94	60-121	7	25
4-Methyl-2-Pentanone	N.D.	0.50	ppb (v)	117	131	53-140	11	25
Methylene Chloride	N.D.	0.20	ppb (v)	91	96	70-130	6	25
Octane	N.D.	0.20	ppb (v)					
Pentane	N.D.	0.20	ppb (v)					
Styrene	N.D.	0.20	ppb (v)	97	101	64-130	4	25
1,1,1,2-Tetrachloroethane	N.D.	0.20	ppb (v)					
1,1,2,2-Tetrachloroethane	N.D.	0.20	ppb (v)	82	88	58-133	7	25
Tetrachloroethene	N.D.	0.20	ppb (v)	80	82	70-130	2	25
Toluene	N.D.	0.20	ppb (v)	95	96	70-130	1	25
1,1,1-Trichloroethane	N.D.	0.20	ppb (v)	82	86	70-130	5	25
1,1,2-Trichloroethane	N.D.	0.20	ppb (v)	86	88	65-125	2	25
Trichloroethene	N.D.	0.20	ppb (v)	82	88	70-130	6	25
Trichlorofluoromethane	N.D.	0.20	ppb (v)	94	102	70-130	8	25
1,2,3-Trichloropropane	N.D.	0.20	ppb (v)					
1,2,4-Trimethylbenzene	N.D.	0.20	ppb (v)	82	91	60-128	10	25
1,3,5-Trimethylbenzene	N.D.	0.20	ppb (v)	93	101	61-132	8	25
Vinyl Chloride	N.D.	0.20	ppb (v)	113	117	70-130	3	25
m/p-Xylene	N.D.	0.20	ppb (v)	98	101	70-130	4	25
o-Xylene	N.D.	0.20	ppb (v)	94	98	70-130	4	25
Batch number: D1330030AB Sample number(s): 7246191-7246193,7246195								
Acetone	N.D.	0.50	ppb (v)	98	107	61-134	9	25
Benzene	N.D.	0.20	ppb (v)	85	89	70-130	5	25
Bromobenzene	N.D.	0.20	ppb (v)					
Bromodichloromethane	N.D.	0.20	ppb (v)	78	82	70-129	6	25
Bromoform	N.D.	0.20	ppb (v)	83	86	64-141	4	25
Bromomethane	N.D.	0.20	ppb (v)	102	108	70-130	5	25
1,3-Butadiene	N.D.	0.40	ppb (v)	111	119	66-129	7	25
2-Butanone	N.D.	0.50	ppb (v)	100	109	55-131	8	25
Carbon Disulfide	N.D.	0.50	ppb (v)	105	108*	57-107	3	25
Carbon Tetrachloride	N.D.	0.20	ppb (v)	81	86	70-130	6	25
Chlorobenzene	N.D.	0.20	ppb (v)	87	89	70-130	2	25
Chlorodifluoromethane	N.D.	0.20	ppb (v)					
Chloroethane	N.D.	0.20	ppb (v)	82	87	70-131	6	25
Chloroform	N.D.	0.20	ppb (v)	79	83	70-130	5	25
Chloromethane	N.D.	0.20	ppb (v)	92	109	64-133	17	25
3-Chloropropene	N.D.	0.20	ppb (v)					
Cumene	N.D.	0.20	ppb (v)					
Dibromochloromethane	N.D.	0.20	ppb (v)	86	88	65-127	2	25
1,2-Dibromoethane	N.D.	0.20	ppb (v)	90	93	65-126	2	25
Dibromomethane	N.D.	0.20	ppb (v)					
1,2-Dichlorobenzene	N.D.	0.20	ppb (v)	80	85	62-132	6	25
1,3-Dichlorobenzene	N.D.	0.20	ppb (v)	73	79	63-125	7	25
1,4-Dichlorobenzene	N.D.	0.20	ppb (v)	79	84	63-127	7	25
Dichlorodifluoromethane	N.D.	0.20	ppb (v)	103	108	69-143	4	25
1,1-Dichloroethane	N.D.	0.20	ppb (v)	81	86	67-124	5	25
1,2-Dichloroethane	N.D.	0.20	ppb (v)	84	90	70-130	7	25
1,1-Dichloroethene	N.D.	0.20	ppb (v)	93	101	64-119	8	25

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: The Johnson Company, Inc.
Reported: 10/31/13 at 03:12 PM

Group Number: 1428121

<u>Analysis Name</u>	<u>Blank Result</u>	<u>Blank MDL</u>	<u>Report Units</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>LCS/LCSD Limits</u>	<u>RPD</u>	<u>RPD Max</u>
cis-1,2-Dichloroethene	N.D.	0.20	ppb (v)	82	87	65-121	6	25
trans-1,2-Dichloroethene	N.D.	0.20	ppb (v)	81	86	66-121	6	25
Dichlorofluoromethane	N.D.	0.20	ppb (v)					
1,2-Dichloropropane	N.D.	0.20	ppb (v)	82	86	70-130	5	25
cis-1,3-Dichloropropene	N.D.	0.20	ppb (v)	101	109	64-125	7	25
trans-1,3-Dichloropropene	N.D.	0.20	ppb (v)	87	90	61-126	4	25
Ethylbenzene	N.D.	0.20	ppb (v)	93	95	70-130	2	25
4-Ethyltoluene	N.D.	0.20	ppb (v)	91	103	59-126	12	25
Freon 113	N.D.	0.50	ppb (v)	78	84	63-114	7	25
Freon 114	N.D.	0.20	ppb (v)	97	103	63-123	5	25
Heptane	N.D.	0.20	ppb (v)	88	93	65-119	5	25
Hexachloroethane	N.D.	0.20	ppb (v)					
Hexane	N.D.	0.20	ppb (v)	85	90	63-117	5	25
2-Hexanone	N.D.	0.50	ppb (v)	139	153*	41-152	9	25
Isooctane	N.D.	0.20	ppb (v)					
Methyl t-Butyl Ether	N.D.	0.20	ppb (v)	88	94	60-121	7	25
4-Methyl-2-Pentanone	N.D.	0.50	ppb (v)	117	131	53-140	11	25
Methylene Chloride	N.D.	0.20	ppb (v)	91	96	70-130	6	25
Octane	N.D.	0.20	ppb (v)					
Pentane	N.D.	0.20	ppb (v)					
Styrene	N.D.	0.20	ppb (v)	97	101	64-130	4	25
1,1,1,2-Tetrachloroethane	N.D.	0.20	ppb (v)					
1,1,2,2-Tetrachloroethane	N.D.	0.20	ppb (v)	82	88	58-133	7	25
Tetrachloroethene	N.D.	0.20	ppb (v)	80	82	70-130	2	25
Toluene	N.D.	0.20	ppb (v)	95	96	70-130	1	25
1,1,1-Trichloroethane	N.D.	0.20	ppb (v)	82	86	70-130	5	25
1,1,2-Trichloroethane	N.D.	0.20	ppb (v)	86	88	65-125	2	25
Trichloroethene	N.D.	0.20	ppb (v)	82	88	70-130	6	25
Trichlorofluoromethane	N.D.	0.20	ppb (v)	94	102	70-130	8	25
1,2,3-Trichloropropane	N.D.	0.20	ppb (v)					
1,2,4-Trimethylbenzene	N.D.	0.20	ppb (v)	82	91	60-128	10	25
1,3,5-Trimethylbenzene	N.D.	0.20	ppb (v)	93	101	61-132	8	25
Vinyl Chloride	N.D.	0.20	ppb (v)	113	117	70-130	3	25
m/p-Xylene	N.D.	0.20	ppb (v)	98	101	70-130	4	25
o-Xylene	N.D.	0.20	ppb (v)	94	98	70-130	4	25

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The unspiked result was more than four times the spike added.

Summa Canister Field Test Data/Chain of Custody



Lancaster Laboratories

Acct. # 6550

Group # 1428121

For Eurofins Lancaster Laboratories use only

Sample # 7246188-95

Bottle Order (SCR) # _____

Instructions on reverse side correspond with circled numbers.

1 Client Information					3 Turnaround Time Requested (TAT) (circle one)					6 Analyses Requested									
Client: <u>Johnson Company</u> Account # _____					<input checked="" type="radio"/> Standard Rush (specify) _____					<input type="checkbox"/> EPA 18 <input type="checkbox"/> BTEX <input type="checkbox"/> MTBE <input type="checkbox"/> EPA 25 (select range below) Helium as tracer <input type="checkbox"/> O2/CO2 <input type="checkbox"/> Library Search									
Project Name/#: <u>Flowery Branch MPE SVE</u>					4 Data Package Required?										5 EDD Required?				
Project Manager: <u>Glen Kirkpatrick</u> P.O. # _____					Yes No Yes No														
Sampler: <u>Nathan Williams</u> Quote # _____					Temperature (F) Pressure ("Hg)														
Name of state where samples were collected: <u>GA</u>					Start Stop Start Stop														
					Ambient Maximum Minimum														
2		Start Date/Time (24-hour clock)	Stop Date/Time (24-hour clock)	Canister Pressure in Field ("Hg) (Start)	Canister Pressure in Field ("Hg) (Stop)	Interior Temp. (F) (Start)	Interior Temp. (F) (Stop)	Flow Reg. ID	Can ID	Can Size (L)	Controller Flowrate (mL/min)	EPA TO - 15	EPA 18	EPA 25 (select range below)	Helium as tracer	O2/CO2	Library Search		
Sample Identification																			
<u>KO</u>		<u>6/6 13:41</u>							<u>1033</u>			<input checked="" type="checkbox"/>							
<u>SVE 1</u>		<u>" 14:52</u>							<u>854</u>			<input checked="" type="checkbox"/>							
<u>SVE 2</u>		<u>" 14:55</u>							<u>1133</u>			<input checked="" type="checkbox"/>							
<u>MP 1</u>		<u>" 14:41</u>							<u>1137</u>			<input checked="" type="checkbox"/>							
<u>MW 64S</u>		<u>" 14:38</u>							<u>857</u>			<input checked="" type="checkbox"/>							
<u>MW 64</u>		<u>" 14:43</u>							<u>823</u>			<input checked="" type="checkbox"/>							
<u>VW 5</u>		<u>" 14:40</u>							<u>839</u>			<input checked="" type="checkbox"/>							
<u>SVE Exhaust</u>		<u>" 14:59</u>							<u>911</u>			<input checked="" type="checkbox"/>							
7 Instructions/QC Requirements & Comments										EPA 25 (check one) <input type="checkbox"/> C1 - C4 <input type="checkbox"/> C2 - C10 <input type="checkbox"/> C1 - C10 <input type="checkbox"/> C4 - C10 (GRO) <input type="checkbox"/> C2 - C4									
Canisters Shipped by:	Date/Time:	Canisters Received by:	Date/Time:	Relinquished by:	Date/Time:	Received by:	Date/Time:	8											
Relinquished by:	Date/Time:	Received by:	Date/Time:	Relinquished by:	Date/Time:	Received by:	Date/Time:												
Relinquished by:	Date/Time:	Received by:	Date/Time:	Relinquished by:	Date/Time:	Received by:	Date/Time:	<u>Kremely Baur</u> <u>10-22-13</u> <u>93</u>											

Environmental Sample Administration 1428121
Receipt Documentation Log

Client/Project: Johnson CO
 Date of Receipt: 10-22-13
 Time of Receipt: 930
 Source Code: 60-1

Shipping Container Sealed: YES NO
 Custody Seal Present * : YES NO
* Custody seal was intact unless otherwise noted in the discrepancy section
 Package: Chilled Not Chilled

Temperature of Shipping Containers							
Cooler #	Thermometer ID	Temperature (°C)	Temp Bottle (TB) or Surface Temp (ST)	Wet Ice (WI) or Dry Ice (DI) or Ice Packs (IP)	Ice Present? Y/N	Loose (L) Bagged Ice (B) or NA	Comments
1							
2							
3							
4							
5							
6							

Number of Trip Blanks received NOT listed on chain of custody:

Paperwork Discrepancy/Unpacking Problems:

Rec Tubing
Rec 2 Flow controls 234834, 338069

Unpacker Signature/Emp#: Buanelly Barclay 2299 Date/Time: 10-22-13 1111

Issued by Dept. 6042 Management

Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

RL	Reporting Limit	BMQL	Below Minimum Quantitation Level
N.D.	none detected	MPN	Most Probable Number
TNTC	Too Numerous To Count	CP Units	cobalt-chloroplatinate units
IU	International Units	NTU	nephelometric turbidity units
umhos/cm	micromhos/cm	ng	nanogram(s)
C	degrees Celsius	F	degrees Fahrenheit
meq	milliequivalents	lb.	pound(s)
g	gram(s)	kg	kilogram(s)
µg	microgram(s)	mg	milligram(s)
mL	milliliter(s)	L	liter(s)
m³	cubic meter(s)	µL	microliter(s)
		pg/L	picogram/liter

< less than - The number following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably determined using this specific test.

> greater than

ppm parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

Data Qualifiers:

C – result confirmed by reanalysis.

J - estimated value – The result is \geq the Method Detection Limit (MDL) and $<$ the Limit of Quantitation (LOQ).

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers

- A** TIC is a possible aldol-condensation product
- B** Analyte was also detected in the blank
- C** Pesticide result confirmed by GC/MS
- D** Compound quantitated on a diluted sample
- E** Concentration exceeds the calibration range of the instrument
- N** Presumptive evidence of a compound (TICs only)
- P** Concentration difference between primary and confirmation columns $>25\%$
- U** Compound was not detected
- X,Y,Z** Defined in case narrative

Inorganic Qualifiers

- B** Value is $<$ CRDL, but \geq IDL
- E** Estimated due to interference
- M** Duplicate injection precision not met
- N** Spike sample not within control limits
- S** Method of standard additions (MSA) used for calculation
- U** Compound was not detected
- W** Post digestion spike out of control limits
- *** Duplicate analysis not within control limits
- +** Correlation coefficient for MSA <0.995

Analytical test results meet all requirements of NELAC unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

Times are local to the area of activity. Parameters listed in the 40 CFR part 136 Table II as “analyze immediately” are not performed within 15 minutes.

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APPENDIX F

Example Mass Removal Calculations

EXAMPLE CALCULATION OF 1,4-DIOXANE MASS REMOVAL VIA LIQUID EXTRACTION AND TREATMENT

Goal: Calculate the mass removal of dissolved phase 1,4-Dioxane through groundwater extraction and treatment via an Advance Oxidation System (AOS).

Background: From May 24, 2013 through January 8, 2014 groundwater containing dissolved concentrations of 1,4-Dioxane was extracted from the subsurface and treated using an AOS. During this operational period groundwater was extracted from 7 locations and conveyed to a groundwater storage tank. Water was subsequently transferred to the treatment system and, after treatment, discharged to the sanitary sewer system. To date, no detections of 1,4-Dioxane have been reported in effluent discharge samples.

Approach: Analytical samples have yielded concentrations of 1,4-Dioxane in extracted groundwater from 180 $\mu\text{g/L}$ to 46 $\mu\text{g/L}$. Effluent flow totals have been recorded on a regular basis since operations began, including during each of the sampling events. The reported concentration was applied to the operational period up to the previous sample event. Total 1,4-Dioxane mass removal was then determined using the following steps:

- 1) $\mu\text{g/L} / 0.294172 = \mu\text{g/gal}$
- 2) $\mu\text{g/gal} * (\text{total gallons in operational period}) = \mu\text{g 1,4-Dioxane removed}$
- 3) $\mu\text{g} * 1 \times 10^{-9} = \text{pounds removed}$

EXAMPLE CALCULATION OF VOLATILE ORGANIC COMPOUND MASS REMOVAL VIA VAPOR EXTRACTION

Goal: Calculate the mass removal of Volatile Organic Compounds through vapor extraction.

Background: From May 24, 2013 through January 8, 2014 soil vapor has been extracted from the treatment area. Analytical samples were collected utilizing summa canisters. The resulting concentrations were converted to mass removal via the previously established calculation technique derived for the operation of the soil vapor extraction system.

Approach: See attached calculation method. Mass was computed using the measurements from the individual extraction locations rather than from any combined header pipe.

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JOB 1-0145-4
SHEET NO. 1 OF 4
CALCULATED BY PCS DATE 11/26/12
CHECKED BY JB DATE 11/26/2012
SCALE NONE

Goal: Calculate the flow rate of vapor extracted by the interim soil vapor extraction system (the System) based on the June 7, 2012 field data.

Background: As of May 2012, the System included 22 vapor extraction points, connected to a blower via solid PVC header pipes, combined into a manifold connected to the blower suction. Vacuum and vapor velocity measurement ports were installed in the vapor collections pipes near each extraction point and in the header pipes connected to the manifold.

During the June 7, 2012 Operator Site visit, vacuums, vapor velocities, and valve positions were recorded from measuring ports throughout the System, the completed Operator Field Form is attached to this calculation (Attachment 1).

Approach: The soil vapor extraction points connected to the System can be categorized as points directly connected to the manifold near the blower, or as extraction points connected to a common header pipe, which in turn connects to the blower manifold.

For extraction points connected directly to the manifold near the blower (MP-2, MP-4, MP-5, MP-9, MP-11), the extracted vapor flow rates can be calculated using the measured soil vapor velocities, the pipe geometry, and the ideal gas law, using the following steps:

- 1.) Calculate the vapor flow rate based on the velocity measurement and pipe cross-sectional area.
- 2.) Calculate an absolute pressure based on the vacuum measurement.
- 3.) Calculate the vapor flow rate for standard conditions using the ideal gas law.

1.) Vapor Flow Rate Calculation:

Based on the nominal pipe diameter of 2-inches for pipes connected to extraction points, the cross-sectional area (A_1) is:

$$A_1 = \pi * \left(\frac{d}{2}\right)^2 \quad (1)$$

$$A_1 = \pi * \left(\frac{2}{12*2}\right)^2 = 3.14159 * \left(\frac{1}{144}\right) = 0.0218 \text{ ft}^2 \quad (2)$$

The vapor flow rate for any given extraction point (Q_x) is calculated using the cross-sectional area of the pipe, and the vapor velocity measured (V_x) at the extraction point:

$$Q_x = A_1 * V_x \quad (3)$$

Using the field data from 6/7/12 (Attachment 1), the vapor flow rate for MP-2 is calculated as follows:

$$Q_{MP-2} = A_1 * V_{MP-2} = 0.0218 \text{ ft}^2 * 787 \frac{\text{ft}}{\text{min}} = 17.16 \frac{\text{ft}^3}{\text{min}} \quad (4)$$

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 802-229-4600 Fax 802-229-5876

JOB 1-0145 - 4
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 CALCULATED BY PCS DATE 11/26/2012
 CHECKED BY JSB DATE 11/26/2012
 SCALE None

This calculated flow rate is for vapor at a vacuum of 63 inches of water (the vacuum measured for MP-2, see Attachment 1).

2.) Convert the measured vacuum to absolute pressure:

The field vacuum measurements were recorded in units of inches of water. Given there are 406.7825 inches of water per atmosphere (atm), the vacuum measurement (P_x) is converted to an absolute pressure ($P_{x,A}$) as follows:

$$P_{x,A} = 1 \text{ atm} - P_x * \frac{1 \text{ atm}}{406.7825 \text{ in } H_2O} \quad (5)$$

Using the vacuum measurement collected near MP-2 on 6/7/12 with equation 5 yields:

$$P_{MP-2,A} = 1 \text{ atm} - 63 \text{ in } H_2O * \frac{1 \text{ atm}}{406.7825 \text{ in } H_2O} = 1 \text{ atm} - 0.1549 \text{ atm} = 0.845 \text{ atm} \quad (6)$$

3.) Use the ideal gas law to calculate the vapor flow rate at atmospheric conditions:

The ideal gas law is:

$$P * V = \eta * R * T \quad (7)$$

where

P = pressure,

η = number of moles,

R = ideal gas constant, and

T = temperature.

The ideal gas law may be used to calculate the volume of gas that would be present at standard conditions (subscript sc) (20 degrees Celsius, 1 atmosphere of pressure), given measurements performed at other conditions (subscript m):

$$P_m * V_m = \eta_m * R * T_m \quad (8)$$

$$P_{sc} * V_{sc} = \eta_{sc} * R * T_{sc} \quad (9)$$

Dividing equation 8 by equation 9 yields:

$$\frac{P_m}{P_{sc}} * \frac{V_m}{V_{sc}} = \frac{\eta_m}{\eta_{sc}} * R * \frac{T_m}{T_{sc}} \quad (10)$$

Equation 10 is being employed to evaluate the change in volume related to changing temperature and pressure. Therefore, the number of moles of gas present will remain unchanged, $\eta_m = \eta_{sc}$.

The hot-wire anemometer automatically reports vapor velocities in units of feet per minute at standard temperature (per phone conversations with technical support at Dwyer, the anemometer manufacturer). Therefore, $T_m = T_{sc}$. Therefore, equation 10 simplifies to:

$$\frac{P_m}{P_{sc}} * \frac{V_m}{V_{sc}} = 1 \quad (10)$$

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CHECKED BY JB DATE 11/26/2012
SCALE None

$$V_{sc} = \frac{P_m}{P_{sc}} * V_m \quad (11)$$

The above equations apply to a fixed volume of gas (V) as well as a volumetric flow rate of gas (Q). Applying a direct substitution of Q for V, and substituting 1 atm for P_{sc} (standard pressure is 1 atm) in equation 11 yields:

$$Q_{sc} = \frac{P_m}{1 \text{ atm}} * Q_m \quad (12)$$

Equation 12 may be employed to calculate the flow rate of a gas under standard pressure conditions, given a measured volumetric flow rate and pressure. Given the previously calculated flow rate and pressure for MP-2 (17.16 ft³/min, 0.845 atm), the MP-2 vapor flow rate for standard conditions (Q_{sc MP-2}) is calculated:

$$Q_{sc, MP-2} = \frac{0.845 \text{ atm}}{1 \text{ atm}} * 17.16 \frac{\text{ft}^3}{\text{min}} = 14.5 \text{ SCFM (standard cubic feet per minute)} \quad (13)$$

This method was used to calculate the extracted vapor flow rates for the four extraction points connected directly to the blower manifold (MP-2, MP-4, MP-5, and MP-9). Table 1 presents a spreadsheet calculation of the vapor flow rates for each of these four extraction points.

The remaining eighteen soil vapor extraction points are connected to the blower via a common header pipe that conveys extracted vapor from two extraction points. Vapor velocity and vacuum measurement ports were installed in these common header pipes, facilitating calculation of extracted vapor flow rates based on either the measurements collected from the individual extraction points, or the measurements collected from the header pipes. Extracted vapor velocities were calculated using both the header pipe and extraction point data by employing equations 3, 4, and 13 as described above. Table 2 presents a spreadsheet with calculations of the extracted vapor flow rates using measurements performed near the extraction points, Table 3 presents a spreadsheet with calculations of the extracted vapor flow rates calculated based on common header pipe measurements.

The flow rates calculated based data from the extraction points (Table 2) are significantly higher than the flow rates calculated based on header pipe data (Table 3). The combined flow rate of soil vapor extracted by the System was calculated by summing the vapor flow rates calculated in Table 2 or Table 3 with the flow rates calculated in Table 1. The resulting combined total System flow rate calculated based on data from extraction points is 257 SCFM, the resulting combined total System flow rate calculated based on header pipe measurements is 144 SCFM. The manufacturer's performance curve for the blower (Attachment 2) indicates that at the System operating vacuum of 82 inches of water (post-filter vacuum data on the completed field form – Attachment 1), the blower will generate a flow rate of about 200 SCFM. The combined

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SCALE None

total system flow rate calculated based on header pipe measurements is 203 SCFM (total flow rate from Table 1 + total flow rate from Table 3), which is similar to the blower flow rate indicated by the performance curve. The combined total system flow rate calculated based on measurements from individual extraction points is approximately 317 SCFM, which is significantly higher than the flow rate determined based on the blower performance curve. Based on the similarity between the blower performance curve and the total system flow calculated based on header pipe measurements, the header pipe measurements were considered to be representative of the extracted vapor flow rate passing through the header pipe. The measurements collected from individual extraction points were used to calculate the proportion of extracted vapor flows in the header pipe that came from each connected point connected to the header pipe, as shown in the following example:

Extraction points MP-6 and MW64 are both connected to the blower manifold via a common header pipe.

Header pipe field measurements result in a calculated vapor flow rate of 16.6 SCFM (Table 3), measurements from the extraction points yielded calculated flow rates of 15.2 SCFM for MP-6 and 14.8 SCFM for MW64 (Table 2).

Given that the header pipe flow rate is representative of the combined vapor flow rate from both extraction points:

$$16.6 \text{ SCFM} = Q_{\text{MP-6}} + Q_{\text{MW64}} \quad (14)$$

$$Q_{\text{MP-6}}/Q_{\text{MW64}} = 15.2 \text{ SCFM} / 14.8 \text{ SCFM} = 1.027 \quad (15)$$

$$Q_{\text{MP-6}} = 1.027 * Q_{\text{MW64}} \quad (16)$$

Substituting into Equation 14:

$$16.6 \text{ SCFM} = 1.027Q_{\text{MW64}} + Q_{\text{MW64}} \quad (17)$$

$$16.6 \text{ SCFM} = 2.027 Q_{\text{MW64}} \quad (18)$$

$$Q_{\text{MW64}} = 8.19 \text{ SCFM} \quad (19)$$

$$Q_{\text{MP-6}} = 1.027 * 8.14 \text{ SCFM} = 8.41 \text{ SCFM} \quad (20)$$

The above approach was used to calculate extracted vapor flow rates for each extraction point connected to a header pipe. See Table 4 for a spreadsheet calculation.

The total flow of extracted vapor flowing through the system was calculated as the sum of the vapor flow rates presented in Table 1 and Table 4 (59.3 SCFM + 144 SCFM = 203 SCFM), resulting in a total extracted flow rate of 203 SCFM.

APPENDIX G

August 8, 2013 Comment Letter from EPD

Georgia Department of Natural Resources
Environmental Protection Division

2 Martin Luther King, Jr. Dr., S.E., Suite 1066 East, Atlanta, Georgia 30334
Mark Williams, Commissioner
Environmental Protection Division
Judson H. Turner, Director

Reply To:
Response and Remediation Program
2 Martin Luther King, Jr. Drive, S.E.
Suite 1462, East Tower
Atlanta, Georgia 30334-9000
Office 404/657-8600 Fax 404-657-0807

August 8, 2013

VIA EMAIL & REGULAR MAIL

Avery Dennison
c/o Mr. Bruce Martin
130 Walnut Street
Douglas, MA 01516

Re: December 2012 & January 2013 VRP Progress Reports
Avery Dennison, HSI #10578
Flowery Branch, Hall County, GA
Tax Parcel ID 08073 000003D

Dear Mr. Martin:

The Georgia Environmental Protection Division (EPD) has received the December 2012, 1st Semi-Annual Progress Report (December 2012 Report), and the June 2013, 2nd Semi-Annual Progress Report, which have both been submitted pursuant to the Georgia Voluntary Remediation Program Act (the Act) O.C.G.A. 12-8-100, by the Johnson Company on behalf of Avery Dennison. After completing a review of the referenced documents, EPD has prepared the following comments:

- 1) Since 1992, EPD's Air Protection Branch has consistently recommended the use of air emissions control devices for HSRA remediations, even when air emissions were below levels for which an air quality permit is required, because operating these systems without emission control devices would only transfer the contamination from one environmental media to another. Therefore, please revise/modify the multi-phase extraction (MPE) system design to include measures to control off-gases in accordance with a best available control technology.
- 2) According to the June 2013 Report, monitoring locations MW-62, BR-22S, and BR-22D are indicated as the Point of Exposure(s) (POE) for the site, with monitoring locations MW-42, MW-54D, BR-21, and BR-21D being established as the Point of Demonstration (POD) for the site. EPD does not have any objections to the use of these POE's/POD's for the human health exposure pathway via groundwater ingestion, but requires supporting fate and transport modeling to illustrate that the groundwater impacts will not leave the confines of the established property boundary as it will be described in the Uniform Environmental Covenant documentation. In addition, EPD recommends that the unnamed tributary to Mudd Creek and an adequate number of associated surface water/stream bed monitoring locations be established as the POE for the surface water exposure pathway for the site. The surface water POD locations for the site should be based on the fate and transport models for each of the established source areas, and also be used to demonstrate that the groundwater contaminant plumes within each source area will not impact the downgradient POE at concentrations above in-stream water quality standards.

December 2012 & January 2013 VRP Progress Reports
Avery Dennison, HSI Site #10578
August 8, 2013
Page 2 of 2

EPD also reviewed the "Response to EPDs June 5, 2012, VRP Comment Letter," which was included in Appendix B of the December 2012 Report. With the exception of the comments related to information that may be included in future Uniform Environmental Covenant documentation for the site, Avery has appropriately addressed the June 5, 2012, EPD comments.

The above comments must be addressed to EPD's satisfaction in order to demonstrate compliance with the provisions, purposes, standards and policies of the Act. EPD may, at its sole discretion, review and comment on documents submitted by Avery. However, failure of EPD to respond to a submittal within any timeframe does not relieve Avery from complying with the provisions, purposes, standards, and policies of the Act.

Should you have any additional questions or concerns please contact Mr. Kevin Collins of the Response and Remediation Program at (404) 463-0530.

Sincerely,



David Brownlee
Unit Coordinator
Response and Remediation Program

c: Glen Kirkpatrick, The Johnson Company

File: VRP Application 937335292 – Avery Dennison Site #10578

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